

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118001.D
 Acq On : 26 Nov 2019 11:48
 Operator : JU
 Sample : PB125061BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:17:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149012	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	638356	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	349670	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	637472	20.00	ng	0.00
76) Chrysene-d12	14.09	240	419238	20.00	ng	0.00
87) Perylene-d12	15.59	264	365713	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1026590	121.95	ng	0.02
7) Phenol-d6	6.53	99	1288279	126.88	ng	0.00
23) Nitrobenzene-d5	7.46	82	708789	66.00	ng	0.00
42) 2,4,6-Tribromophenol	10.75	330	457353	123.54	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1448845	74.34	ng	0.00
79) Terphenyl-d14	13.03	244	1563092	68.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	145987	37.100	ng	96
3) Pyridine	3.52	79	402730	39.016	ng	97
4) n-Nitrosodimethylamine	3.47	42	210849	46.794	ng	96
6) Aniline	6.56	93	490914	36.587	ng	100
8) 2-Chlorophenol	6.69	128	434574	47.575	ng	95
9) Benzaldehyde	6.44	77	205299	28.682	ng	98
10) Phenol	6.54	94	515189	48.827	ng	91
11) bis(2-Chloroethyl)ether	6.63	93	372094	43.915	ng	95
12) 1,3-Dichlorobenzene	6.83	146	463025	43.055	ng	97
13) 1,4-Dichlorobenzene	6.91	146	473261	43.537	ng	98
14) 1,2-Dichlorobenzene	7.07	146	449635	43.250	ng	99
15) Benzyl Alcohol	7.04	79	384434	49.040	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	474662	36.386	ng	94
17) 2-Methylphenol	7.15	107	361056	46.675	ng	98
18) Hexachloroethane	7.41	117	173608	43.475	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	290590	46.390	ng	99
20) 3+4-Methylphenols	7.30	107	441909	46.020	ng	# 82
22) Acetophenone	7.31	105	594868	41.478	ng	# 96
24) Nitrobenzene	7.48	77	461672	41.674	ng	99
25) Isophorone	7.72	82	837420	42.548	ng	98
26) 2-Nitrophenol	7.80	139	253051	46.930	ng	98
27) 2,4-Dimethylphenol	7.83	122	412214	49.198	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	495658	39.686	ng	99
29) 2,4-Dichlorophenol	8.04	162	384302	42.285	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	421799	40.012	ng	98
31) Naphthalene	8.20	128	1321261	44.398	ng	99
32) Benzoic acid	7.97	122	278648	39.719	ng	99
33) 4-Chloroaniline	8.25	127	373643	28.045	ng	99
34) Hexachlorobutadiene	8.32	225	246017	39.915	ng	99
35) Caprolactam	8.69	113	51258	17.746	ng	87
36) 4-Chloro-3-methylphenol	8.74	107	409554	44.403	ng	98
37) 2-Methylnaphthalene	8.90	142	914187	45.465	ng	99
38) 1-Methylnaphthalene	9.00	142	858425	45.157	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	398852	39.277	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	505251	88.785	nq	99
43) 2,4,6-Trichlorophenol	9.18	196	287346	39.506	nq	97
44) 2,4,5-Trichlorophenol	9.22	196	299088	39.605	nq	98
46) 1,1'-Biphenyl	9.37	154	1097462	42.304	nq	97
47) 2-Chloronaphthalene	9.39	162	845525	39.619	nq	97
48) 2-Nitroaniline	9.49	65	245677	38.130	nq	93
49) Acenaphthylene	9.81	152	1350425	43.401	nq	99
50) Dimethylphthalate	9.67	163	1005667	41.014	nq	99
51) 2,6-Dinitrotoluene	9.73	165	225692	42.115	nq #	84
52) Acenaphthene	9.98	154	792471	39.759	nq	98
53) 3-Nitroaniline	9.90	138	180233	28.107	nq	98
54) 2,4-Dinitrophenol	10.01	184	227416	82.356	nq #	84
55) Dibenzofuran	10.16	168	1166765	42.273	nq	99
56) 4-Nitrophenol	10.07	139	366345	76.538	nq	95
57) 2,4-Dinitrotoluene	10.14	165	299394	43.919	nq	98
58) Fluorene	10.50	166	912550	42.665	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	246802	39.775	nq	96
60) Diethylphthalate	10.37	149	992225	41.506	nq	99
61) 4-Chlorophenyl-phenylether	10.49	204	446684	41.152	nq	95
62) 4-Nitroaniline	10.52	138	241382	37.595	nq	97
63) Azobenzene	10.65	77	894745	41.140	nq	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	155527	52.261	nq	86
66) n-Nitrosodiphenylamine	10.61	169	796640	42.940	nq	99
67) 4-Bromophenyl-phenylether	10.98	248	285477	41.504	nq	94
68) Hexachlorobenzene	11.05	284	330250	41.176	nq	98
69) Atrazine	11.14	200	276098	45.241	nq	99
70) Pentachlorophenol	11.25	266	355798	75.932	nq	98
71) Phenanthrene	11.47	178	1350107	42.125	nq	99
72) Anthracene	11.52	178	1388003	43.680	nq	100
73) Carbazole	11.67	167	1200272	43.224	nq	99
74) Di-n-butylphthalate	12.00	149	1480888	42.833	nq	99
75) Fluoranthene	12.66	202	1367268	47.218	nq	99
77) Benzidine	12.77	184	588334	42.842	nq	99
78) Pyrene	12.89	202	1369520	40.422	nq	99
80) Butylbenzylphthalate	13.50	149	589187	40.489	nq	99
81) Benzo(a)anthracene	14.08	228	1129709	40.778	nq	99
82) 3,3'-Dichlorobenzidine	14.04	252	315691	32.577	nq	99
83) Chrysene	14.12	228	1069486	39.839	nq	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	775561	43.961	nq	99
85) Di-n-octyl phthalate	14.68	149	1196871	46.180	nq	97
86) Indeno(1,2,3-cd)pyrene	17.13	276	1209145	52.922	nq	99
88) Benzo(b)fluoranthene	15.15	252	945245	39.782	nq	99
89) Benzo(k)fluoranthene	15.18	252	930117	41.546	nq	98
90) Benzo(a)pyrene	15.53	252	827880	39.624	nq	99
91) Dibenzo(a,h)anthracene	17.14	278	1007630	56.031	nq	97
92) Benzo(g,h,i)perylene	17.59	276	1035701	57.821	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

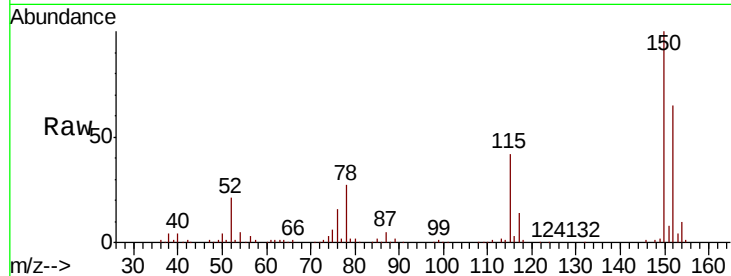


#1

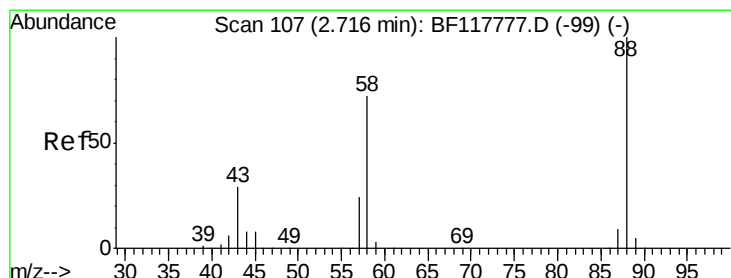
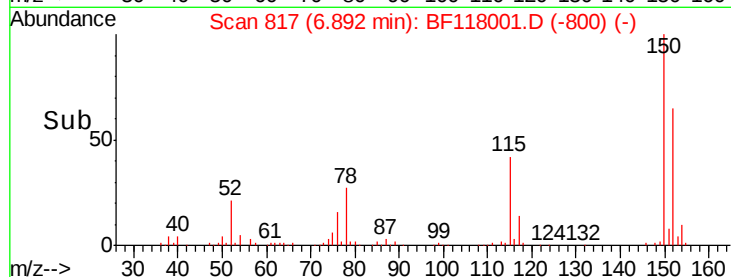
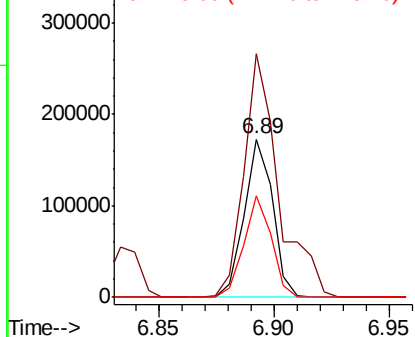
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149012
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 64.4 47.0 70.4



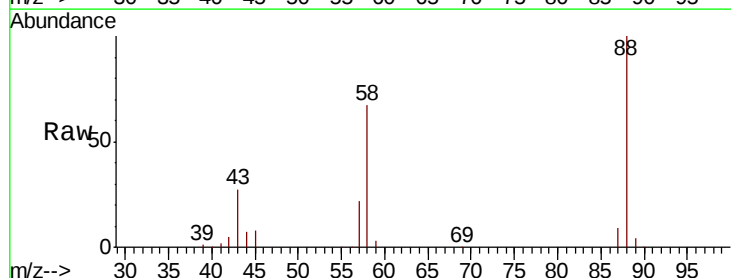
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



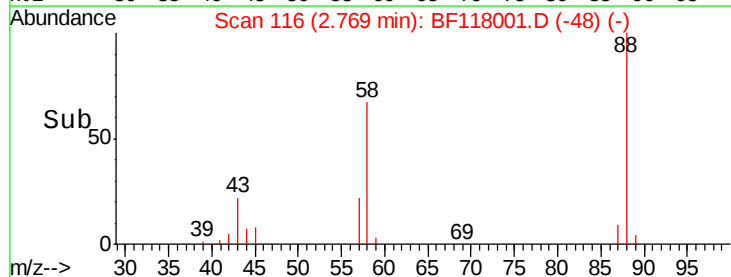
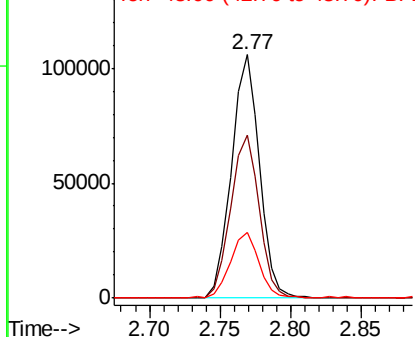
#2

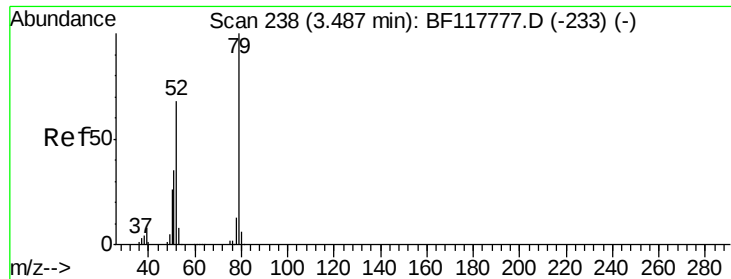
1,4-Dioxane
Concen: 37.100 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.10 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion: 88 Resp: 145987
Ion Ratio Lower Upper
88 100
58 68.1 58.2 87.2
43 28.6 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.016 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

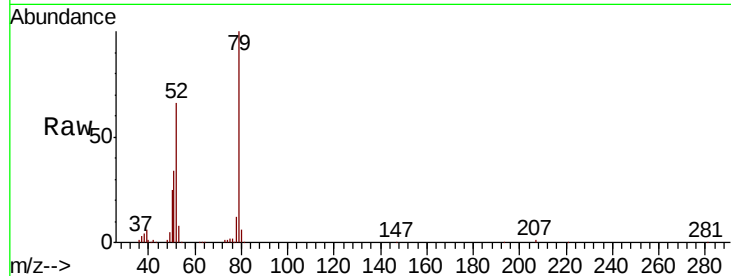
Tot Ion: 79 Resp: 402730

Ion Ratio Lower Upper

79 100

52 65.7 54.8 82.2

51 34.5 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

200000

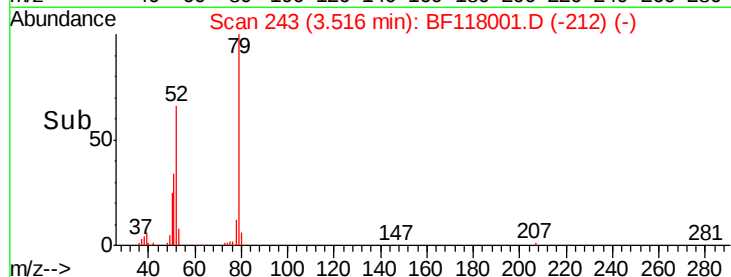
150000

100000

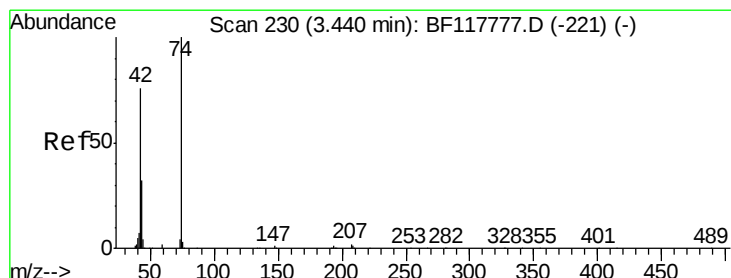
50000

0

Time-->



Time-->



#4

n-Nitrosodimethylamine

Concen: 46.794 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.08 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

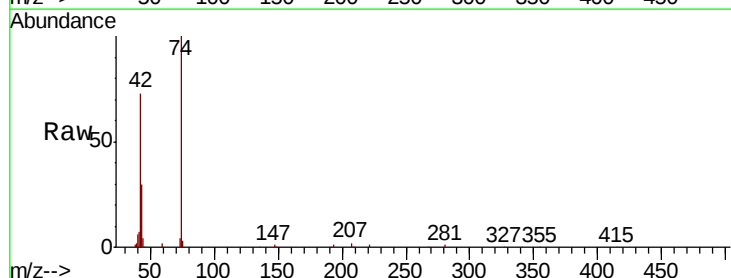
Tgt Ion: 42 Resp: 210849

Ion Ratio Lower Upper

42 100

74 136.1 105.1 157.7

44 6.0 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

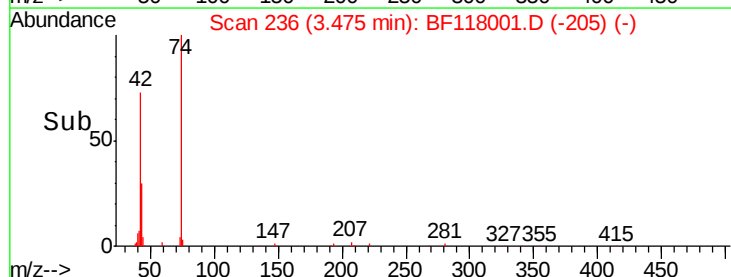
150000

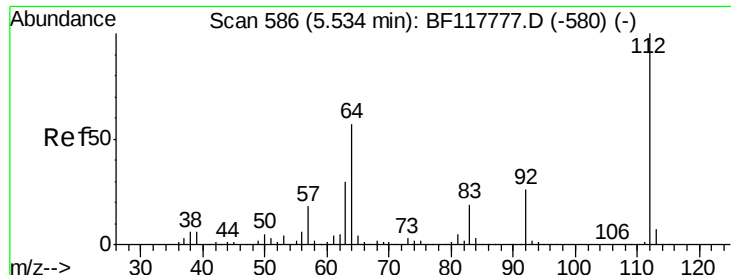
100000

50000

0

Time-->





#5

2-Fluorophenol

Concen: 121.948 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

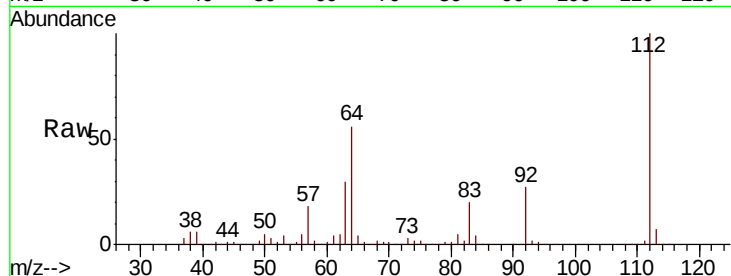
Tot Ion:112 Resp: 1026590

Ion Ratio Lower Upper

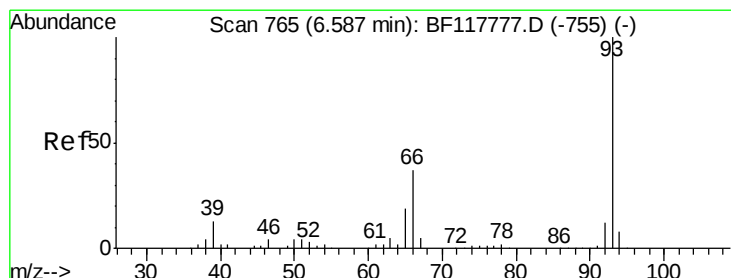
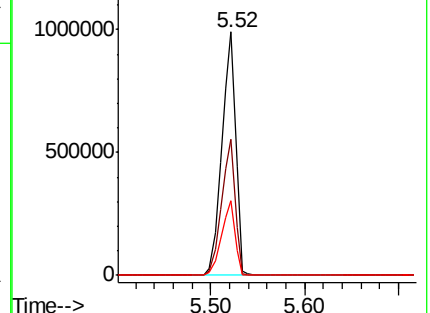
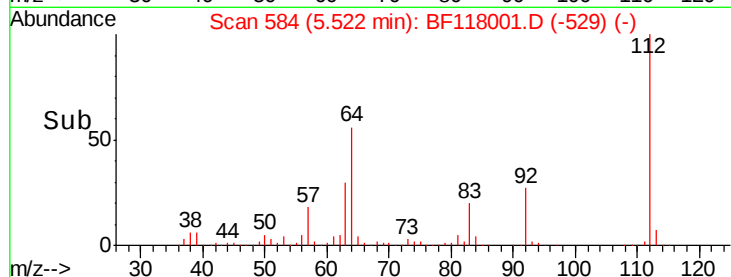
112 100

64 56.0 45.6 68.4

63 30.4 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.587 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

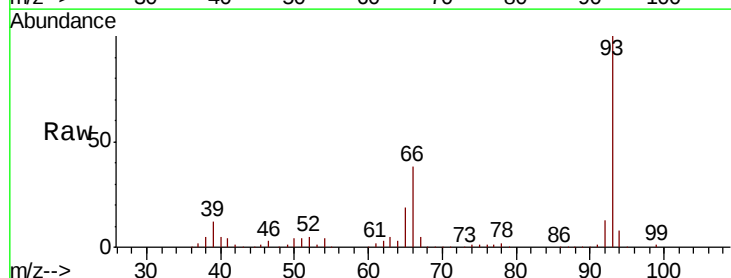
Tgt Ion: 93 Resp: 490914

Ion Ratio Lower Upper

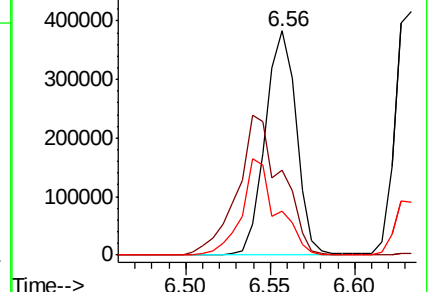
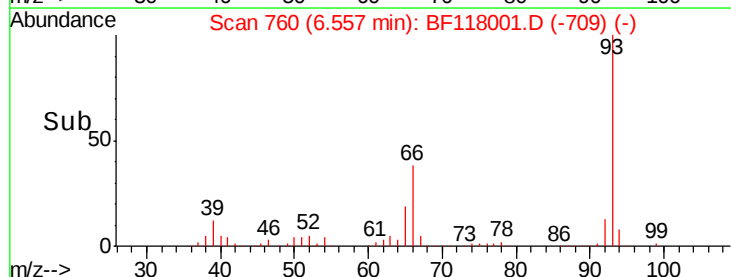
93 100

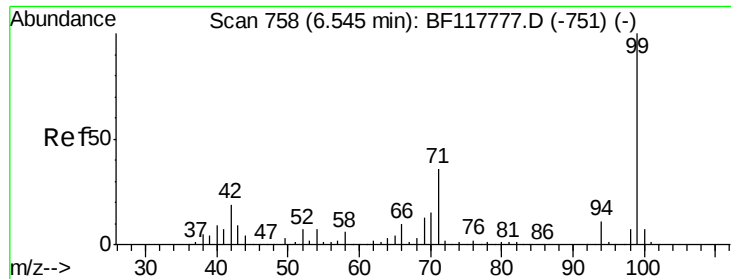
66 37.9 30.6 45.8

65 19.5 15.6 23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.877 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

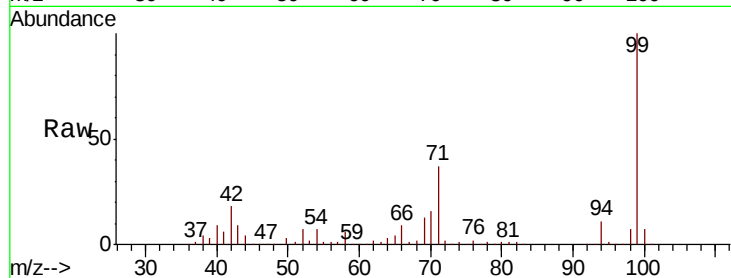
Tot Ion: 99 Resp: 1288279

Ion Ratio Lower Upper

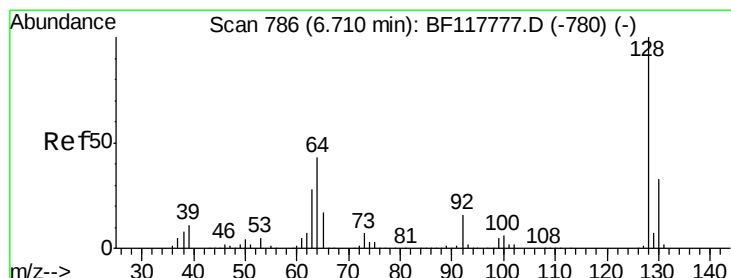
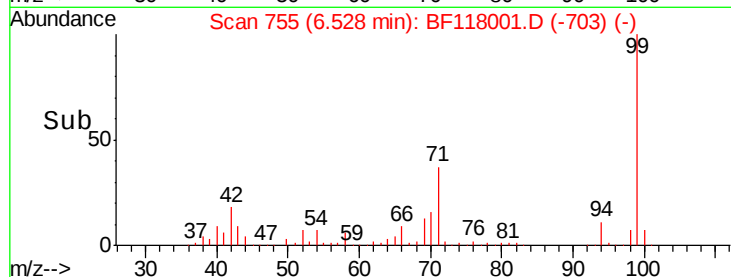
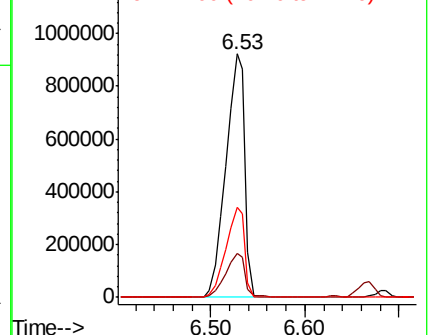
99 100

42 18.2 14.9 22.3

71 37.0 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.575 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

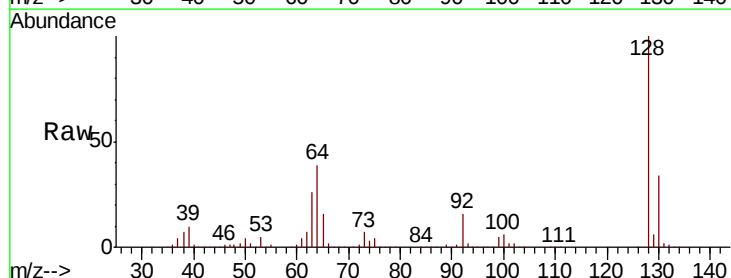
Tgt Ion: 128 Resp: 434574

Ion Ratio Lower Upper

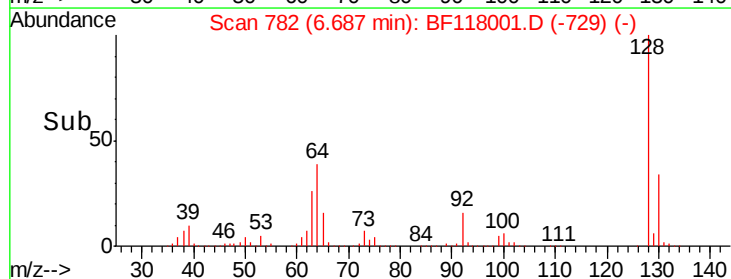
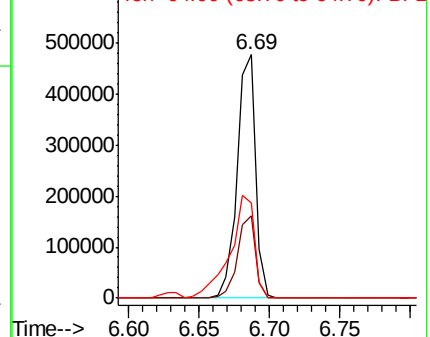
128 100

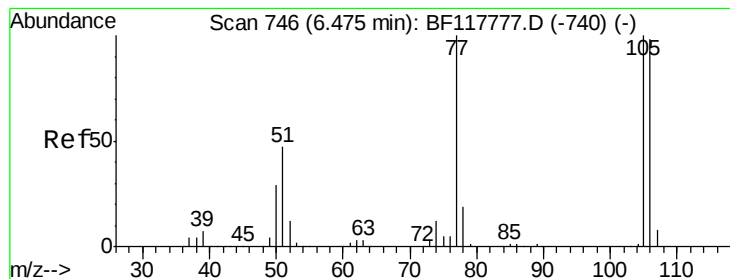
130 33.7 13.2 53.2

64 39.0 23.7 63.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.682 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampled :

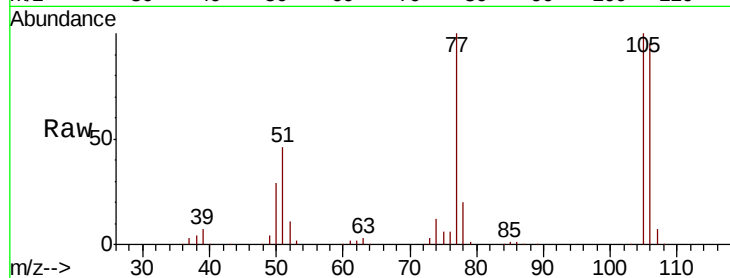
Tot Ion: 77 Resp: 205299

Ion Ratio Lower Upper

77 100

105 99.6 80.2 120.2

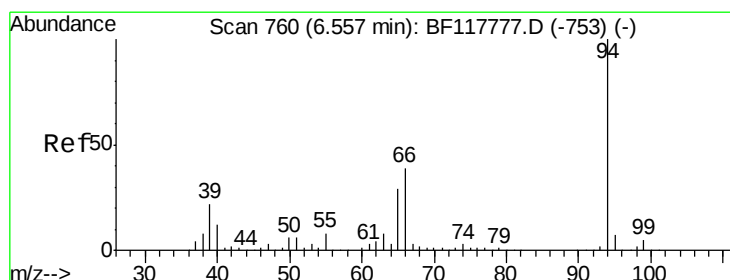
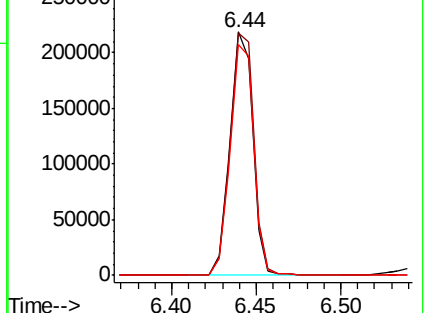
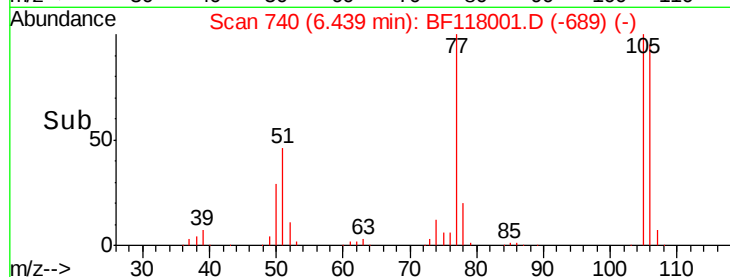
106 94.8 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.827 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

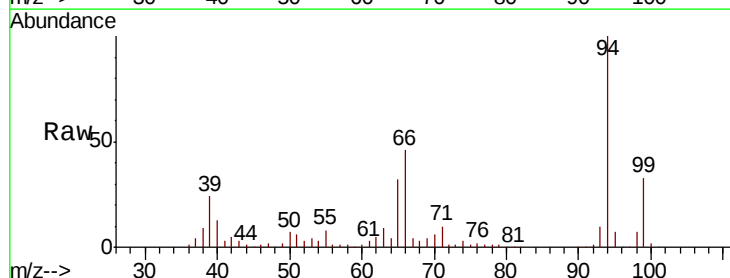
Tgt Ion: 94 Resp: 515189

Ion Ratio Lower Upper

94 100

65 31.8 8.9 48.9

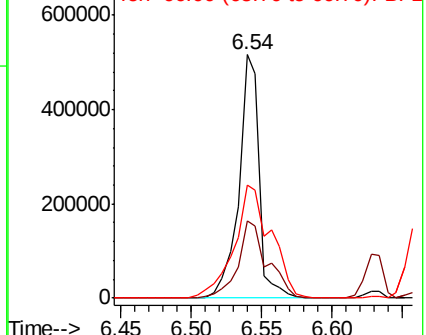
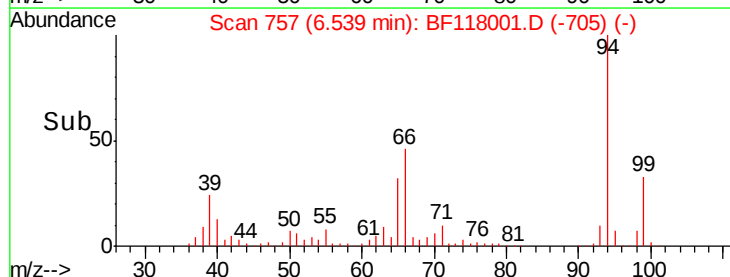
66 46.2 18.7 58.7

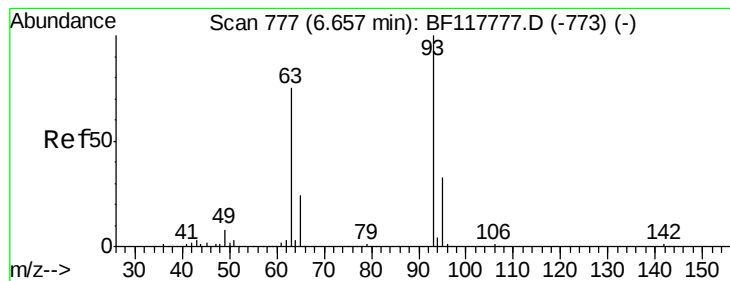


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.915 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

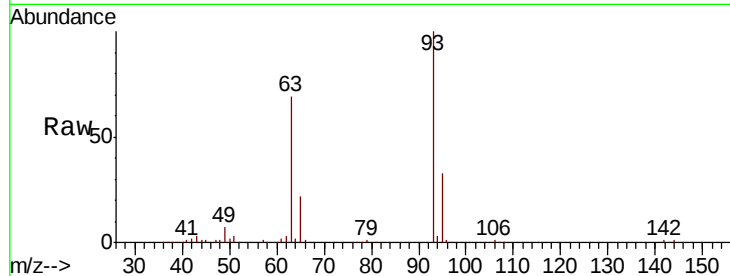
Tot Ion: 93 Resp: 372094

Ion Ratio Lower Upper

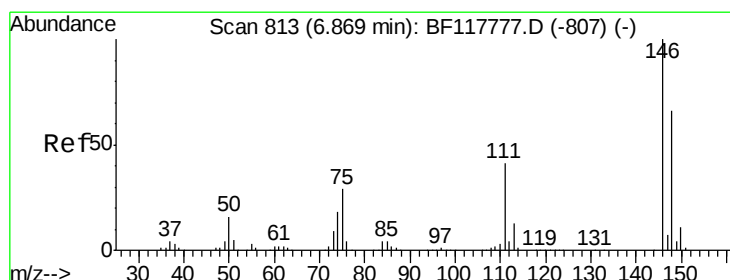
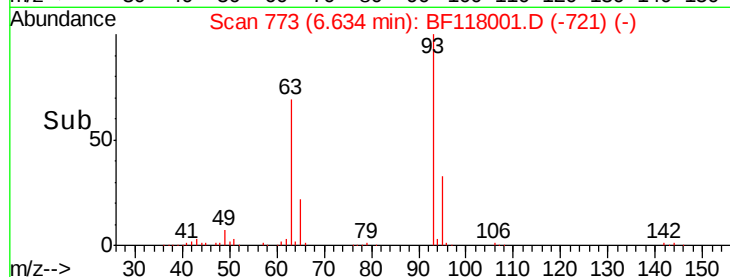
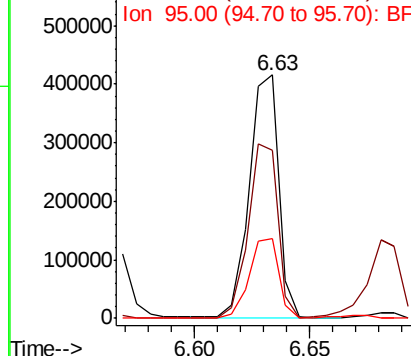
93 100

63 69.1 54.8 94.8

95 32.8 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.055 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

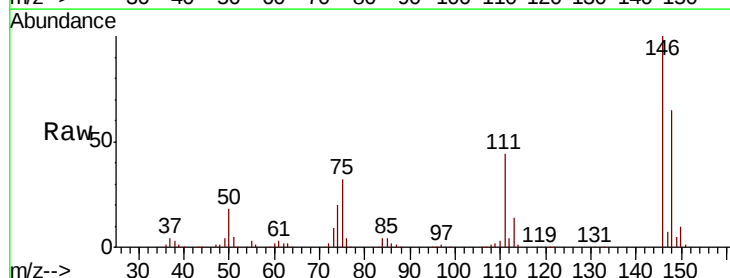
Tgt Ion: 146 Resp: 463025

Ion Ratio Lower Upper

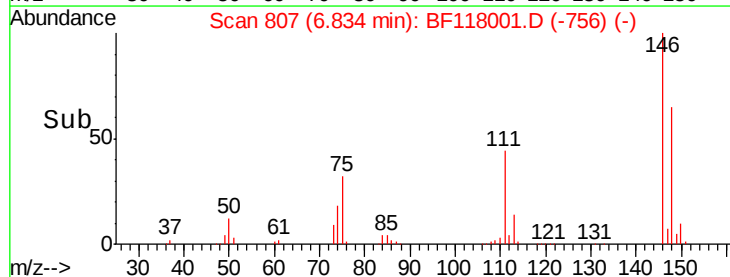
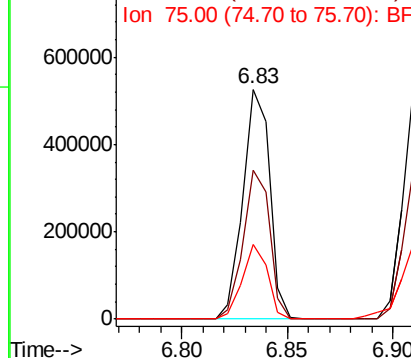
146 100

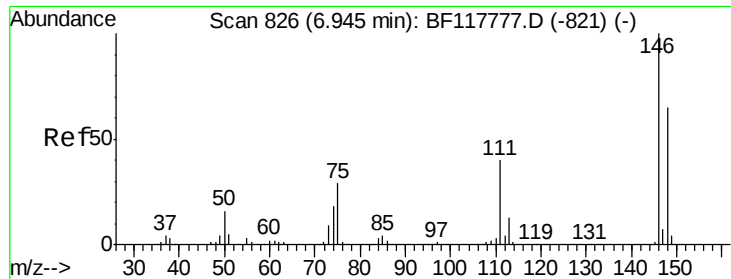
148 65.0 52.8 79.2

75 32.2 23.4 35.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

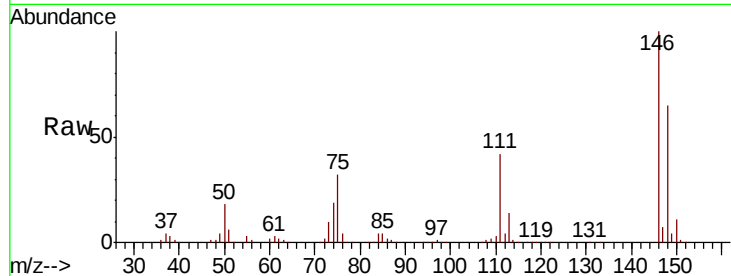




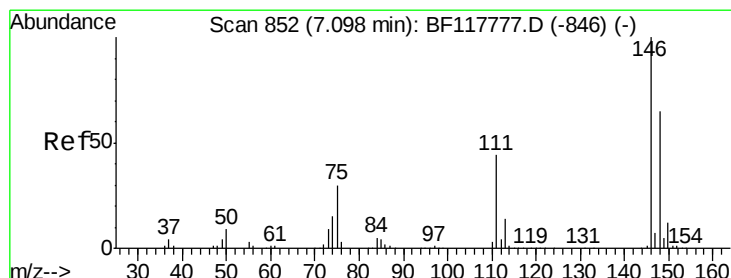
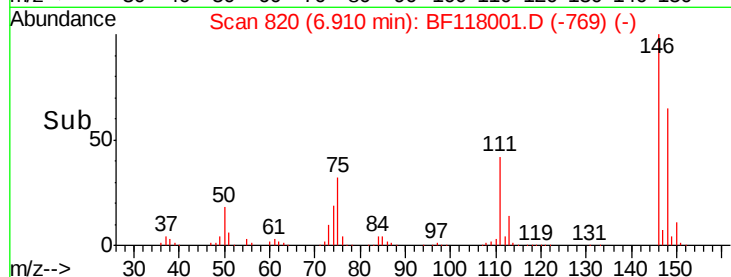
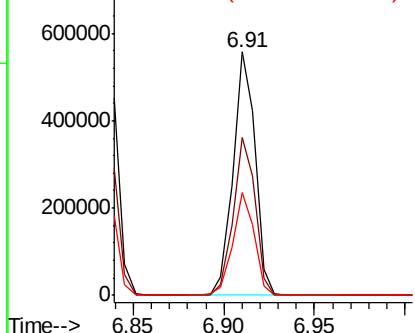
#13
 1,4-Dichlorobenzene
 Concen: 43.537 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 473261
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 42.1 32.2 48.4

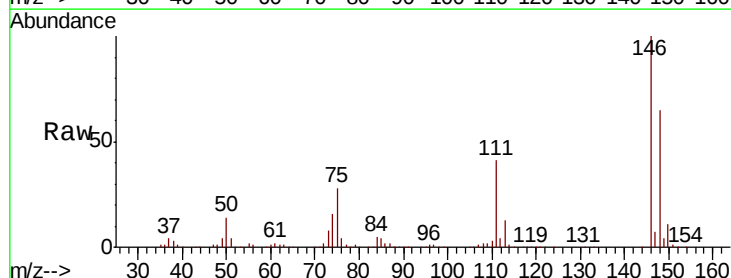


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

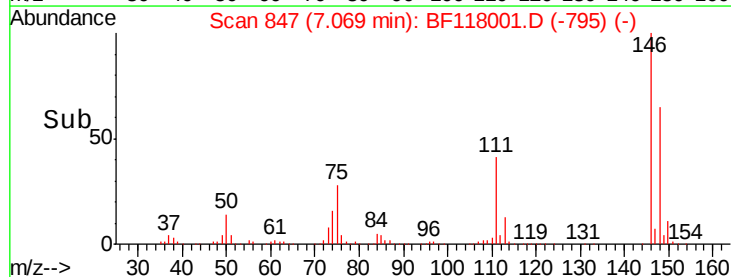
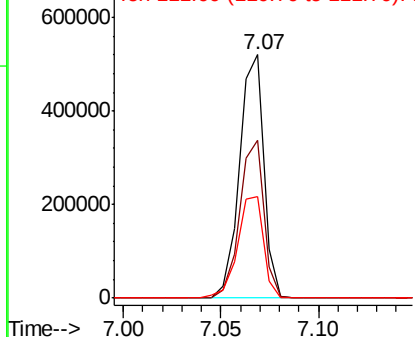


#14
 1,2-Dichlorobenzene
 Concen: 43.250 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Tgt Ion:146 Resp: 449635
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 41.5 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.040 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampled :

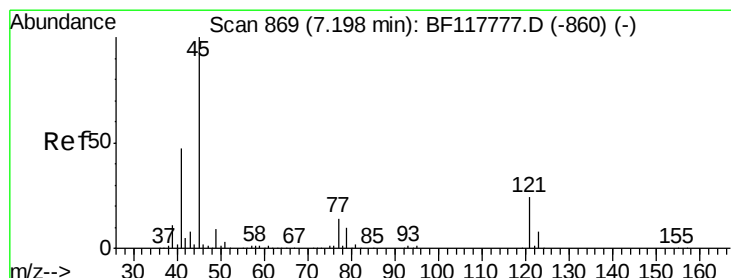
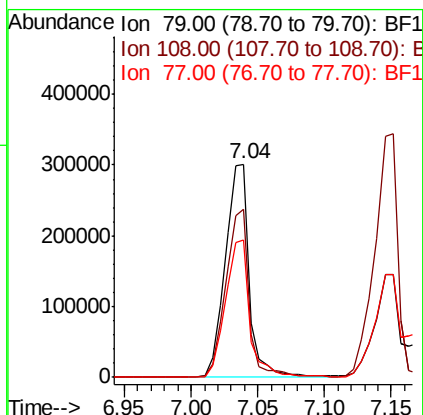
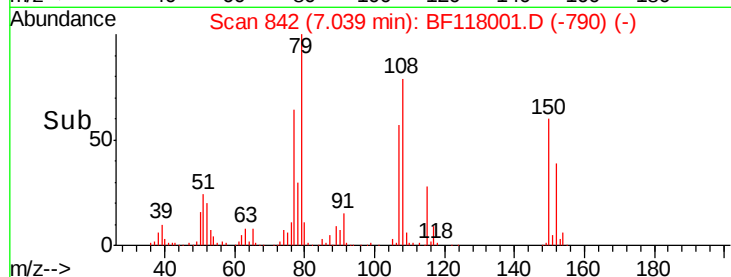
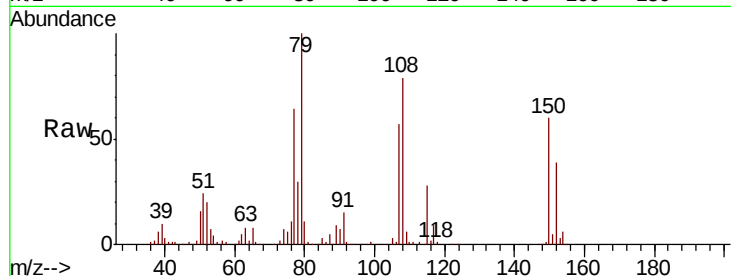
Tot Ion: 79 Resp: 384434

Ion Ratio Lower Upper

79 100

108 78.9 64.1 96.1

77 64.2 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.386 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

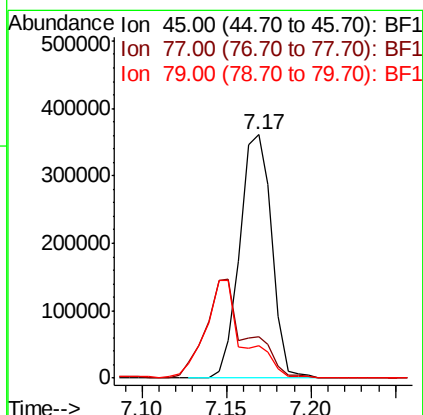
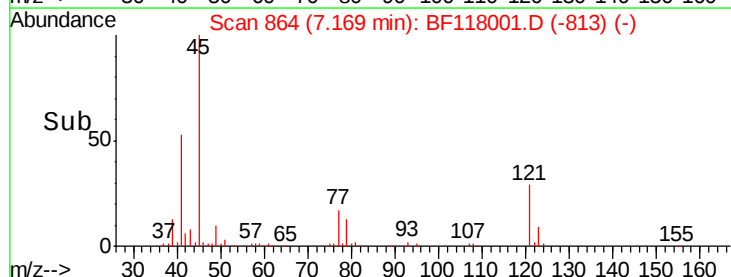
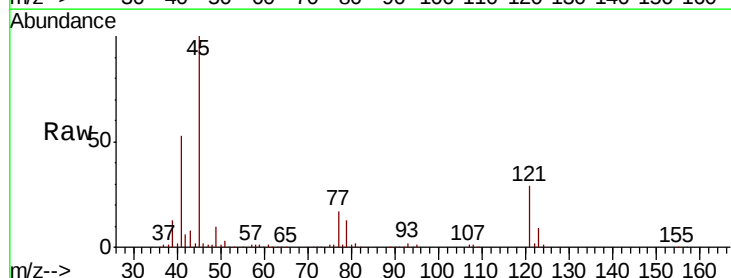
Tgt Ion: 45 Resp: 474662

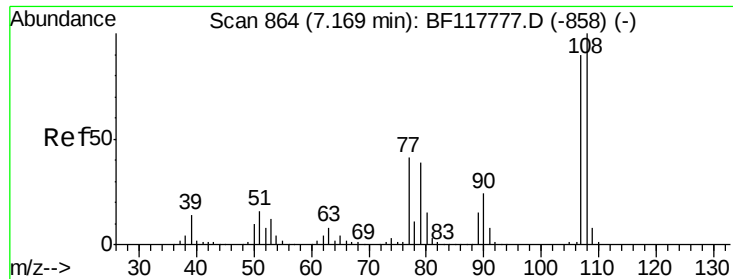
Ion Ratio Lower Upper

45 100

77 17.2 0.0 35.0

79 13.3 0.0 31.1

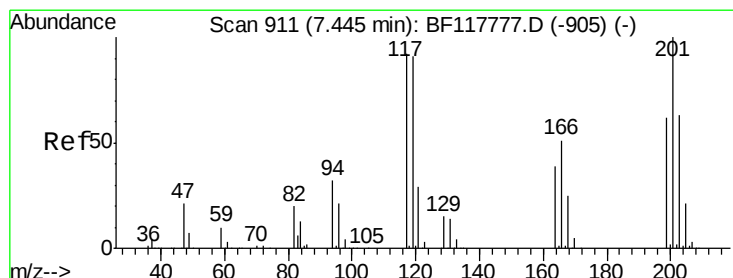
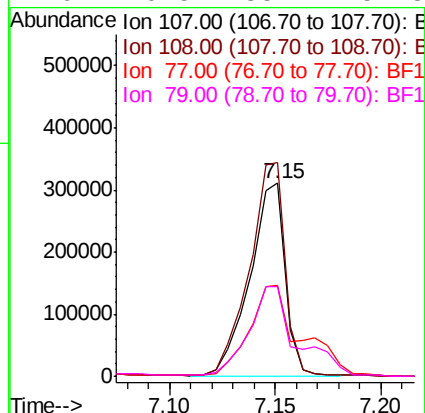
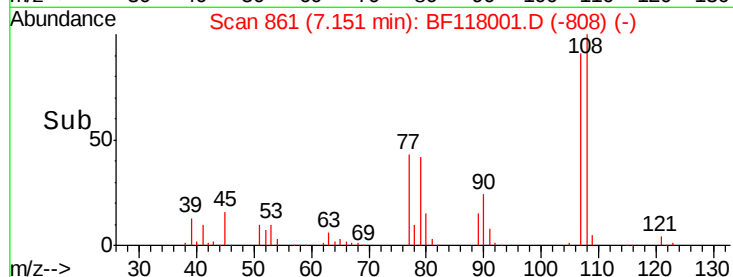
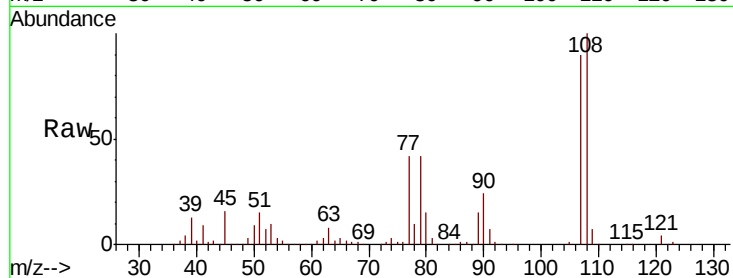




#17
2-Methylphenol
Concen: 46.675 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

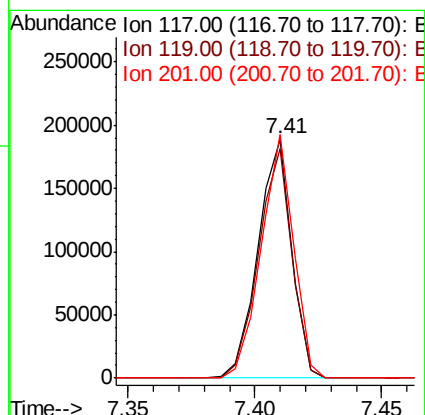
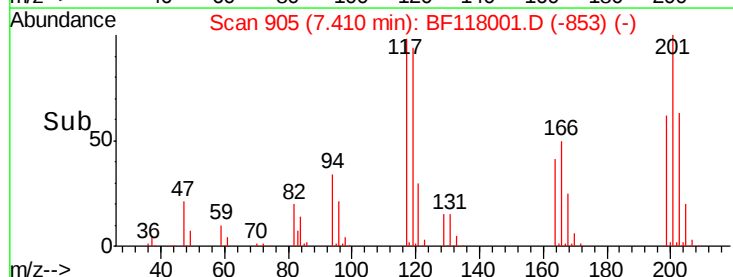
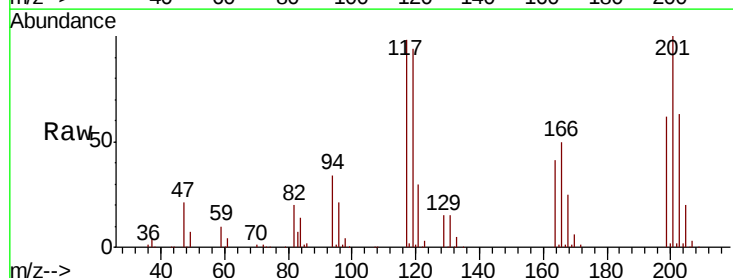
Instrument :
BNA_F
ClientSampleId :

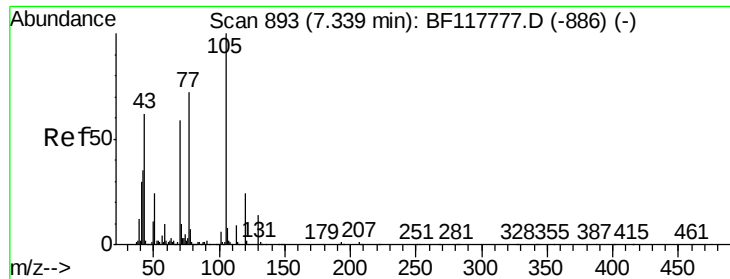
Tot Ion:107 Resp: 361056
Ion Ratio Lower Upper
107 100
108 110.8 89.1 133.7
77 47.0 36.6 54.8
79 46.5 35.2 52.8



#18
Hexachloroethane
Concen: 43.475 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:117 Resp: 173608
Ion Ratio Lower Upper
117 100
119 96.0 78.7 118.1
201 101.9 86.5 129.7

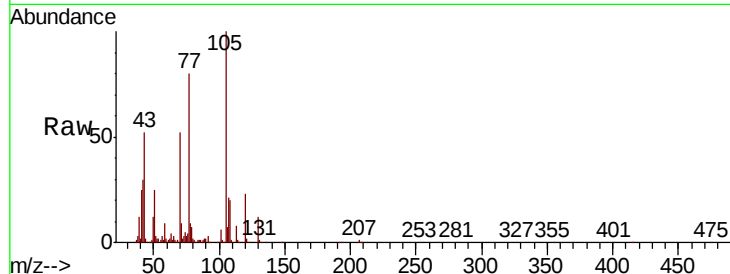




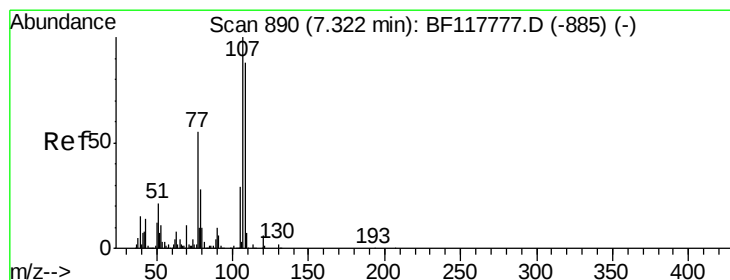
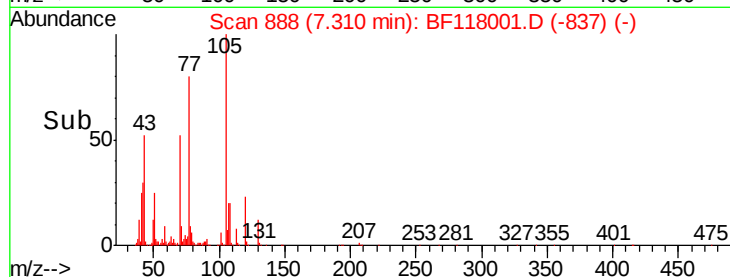
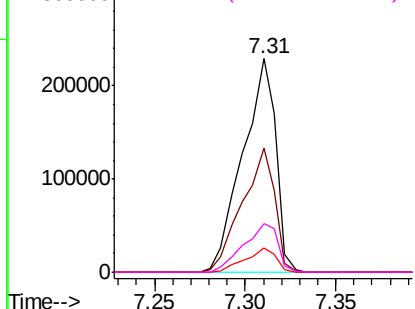
#19
n-Nitroso-di-n-propylamine
Concen: 46.390 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	290590
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.4	71.2
101	11.1	8.4	12.6
130	23.1	18.8	28.2

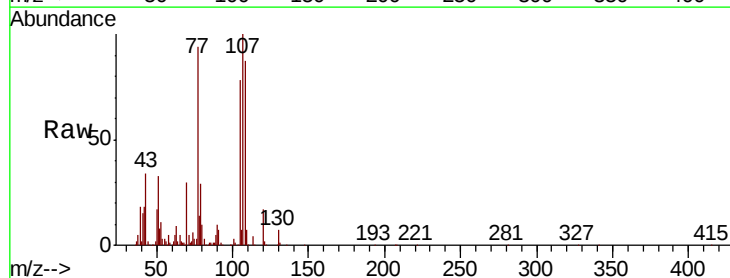


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

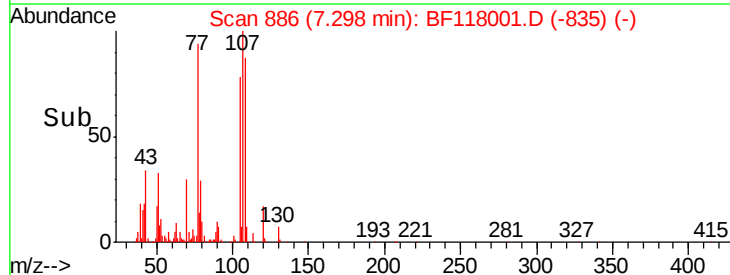
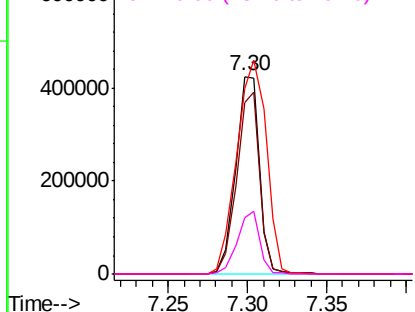


#20
3+4-Methylphenols
Concen: 46.020 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:	107	Resp:	441909
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.4	108.4
77	93.9	35.2	75.2#
79	28.5	8.6	48.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

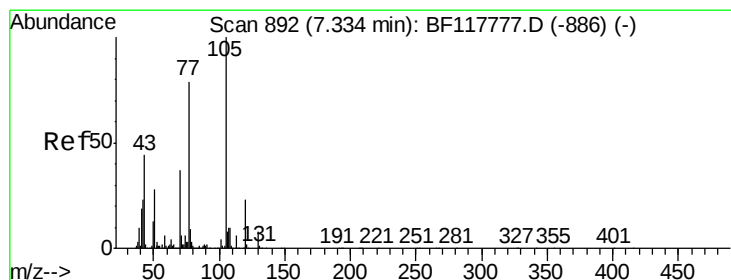
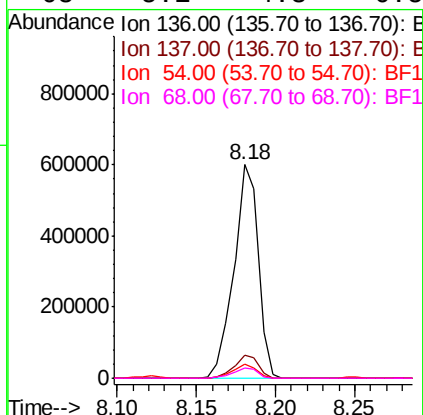
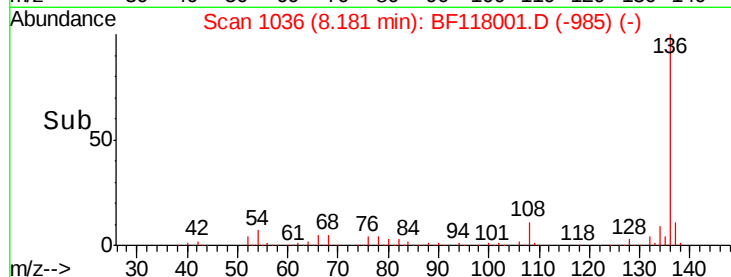
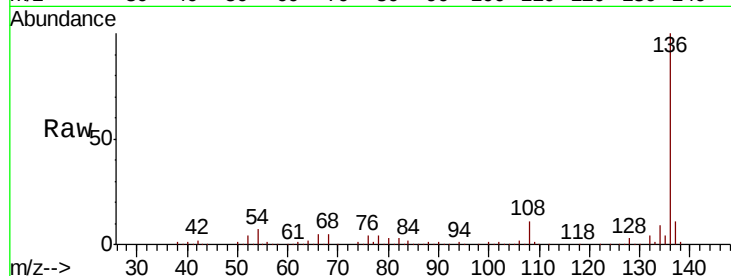




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

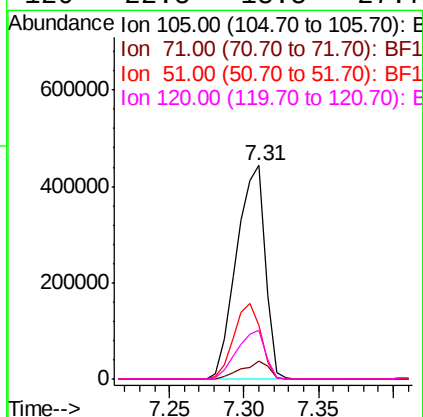
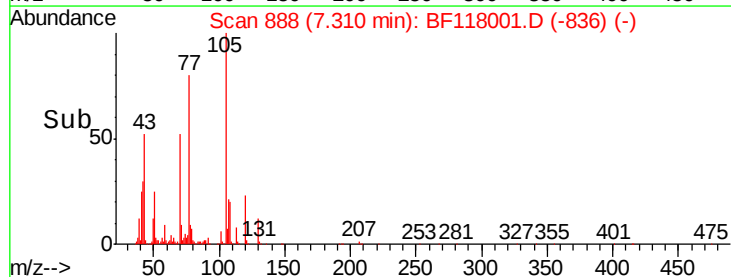
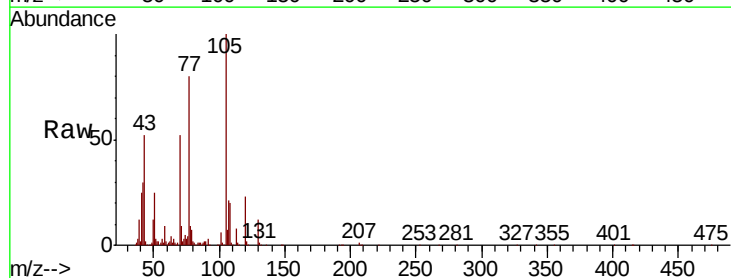
Instrument :
BNA_F
ClientSampleId :

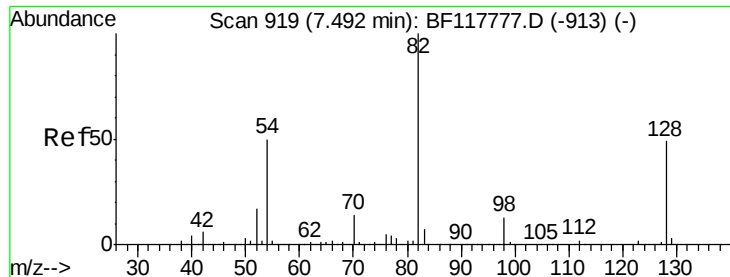
Tot Ion:136	Resp:	638356
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.9	5.4 8.2
68	5.1	4.3 6.5



#22
Acetophenone
Concen: 41.478 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:105	Resp:	594868
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.9 7.3#
51	25.3	22.7 34.1
120	22.5	18.5 27.7

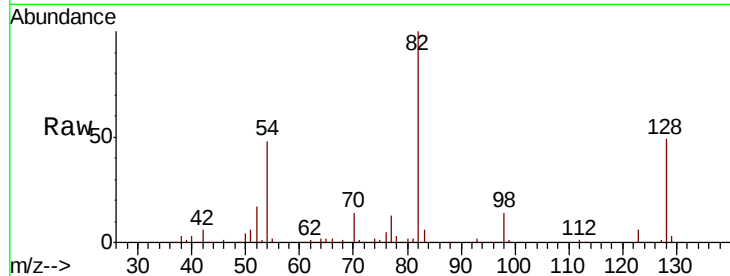




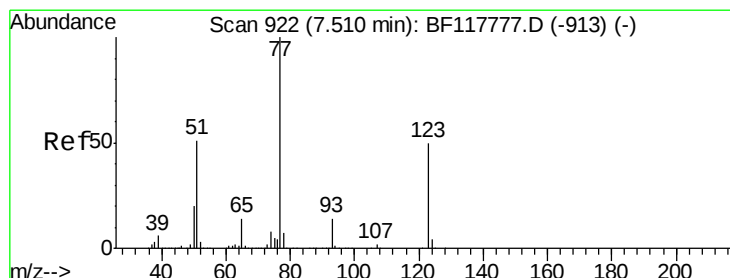
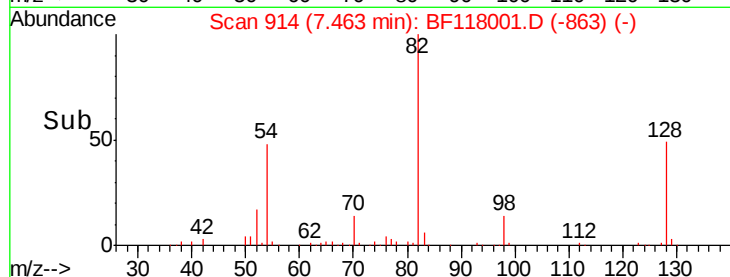
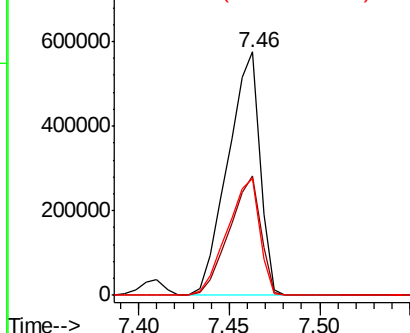
#23
Nitrobenzene-d5
Concen: 66.005 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.9	58.3
54	48.0	39.8	59.6

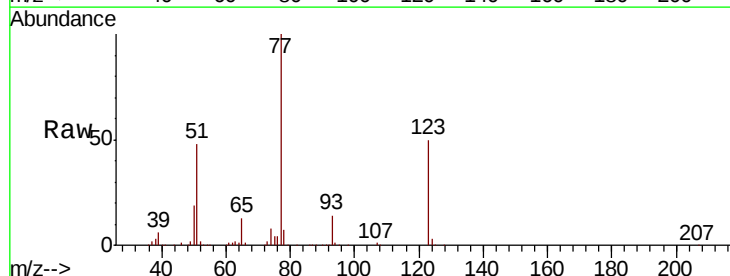


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

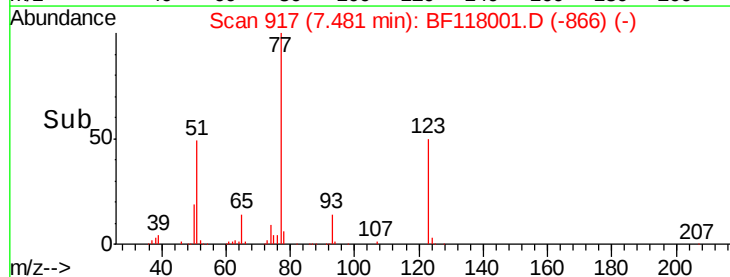
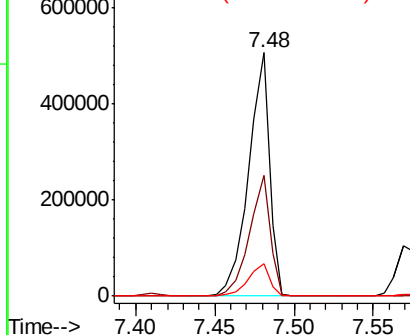


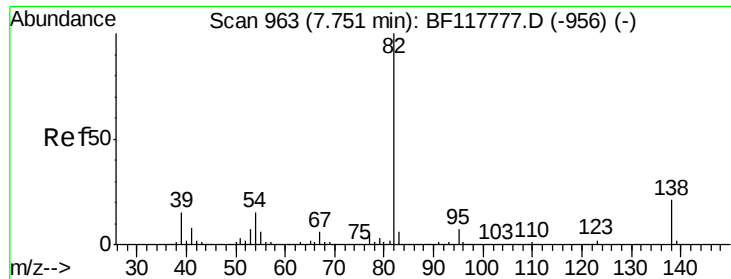
#24
Nitrobenzene
Concen: 41.674 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	40.3	60.5
65	13.2	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1

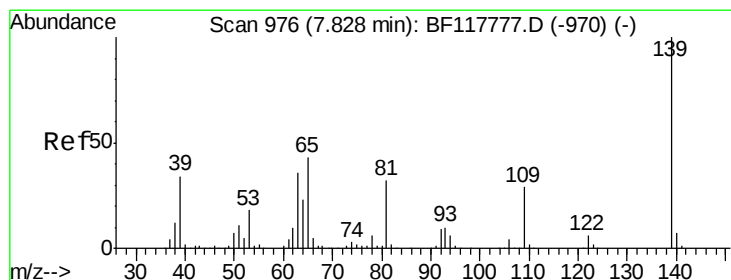
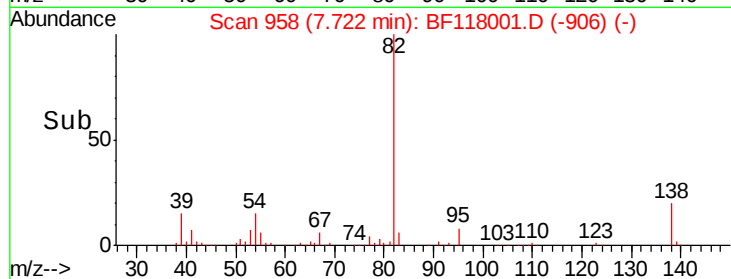
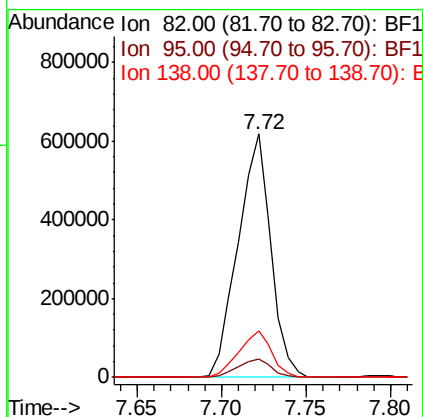
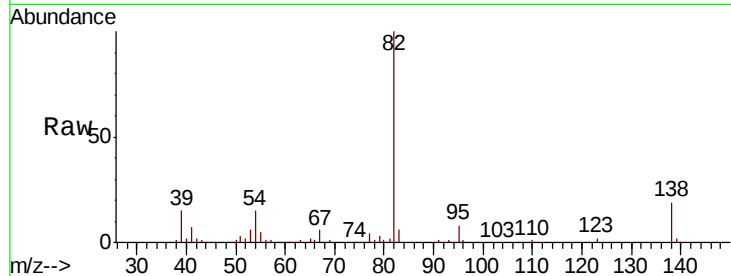




#25
Isophorone
Concen: 42.548 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

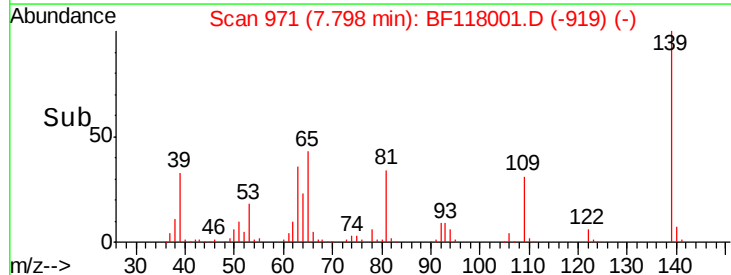
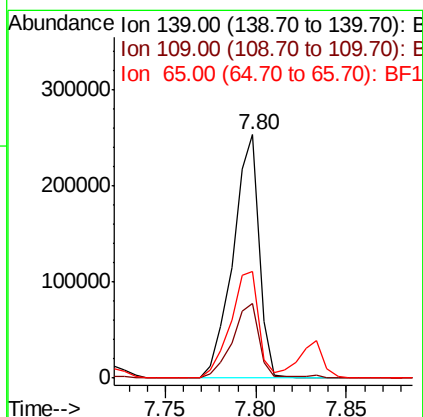
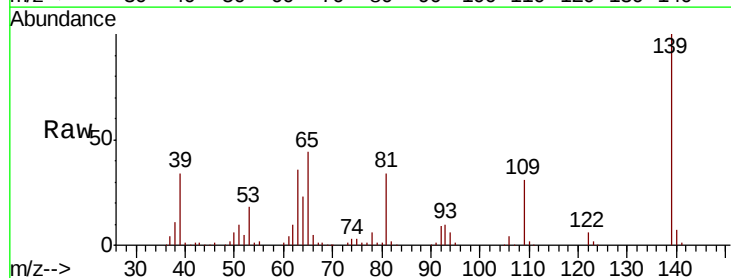
Instrument :
BNA_F
ClientSampleId :

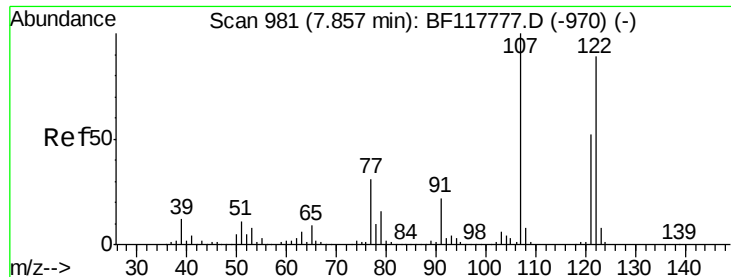
Tot Ion: 82 Resp: 837420
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 19.3 16.5 24.7



#26
2-Nitrophenol
Concen: 46.930 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion: 139 Resp: 253051
Ion Ratio Lower Upper
139 100
109 30.9 23.0 34.4
65 43.7 34.7 52.1

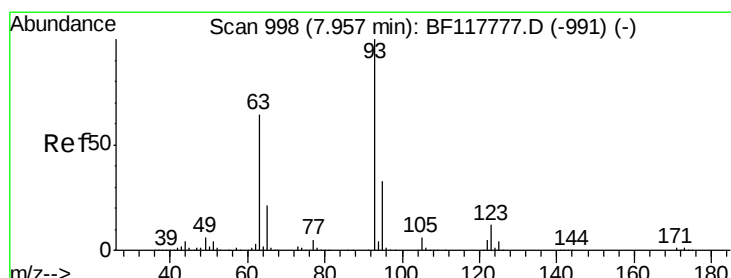
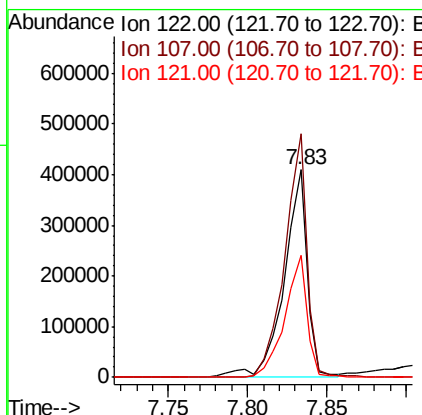
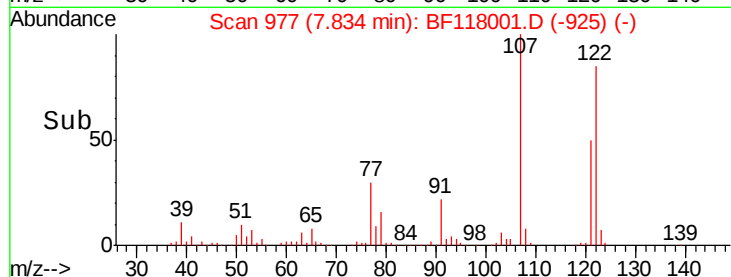
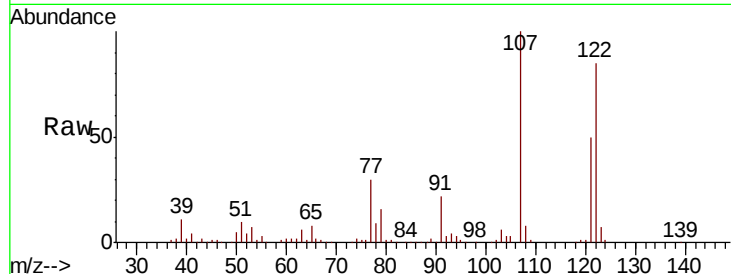




#27
2,4-Dimethylphenol
Concen: 49.198 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

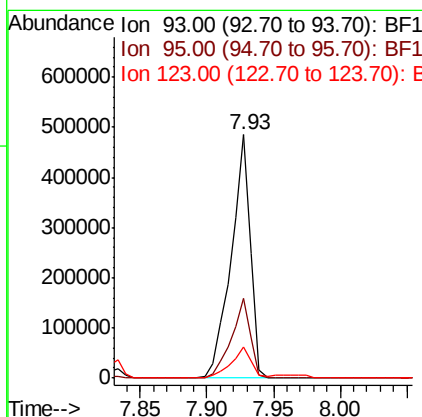
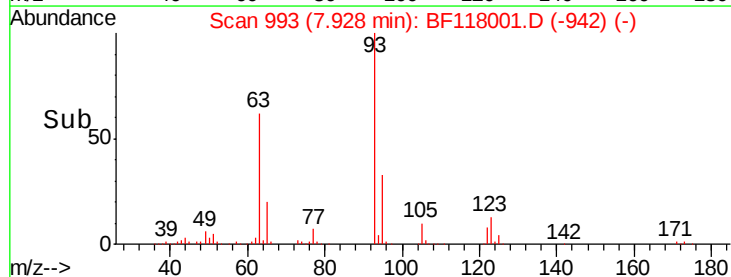
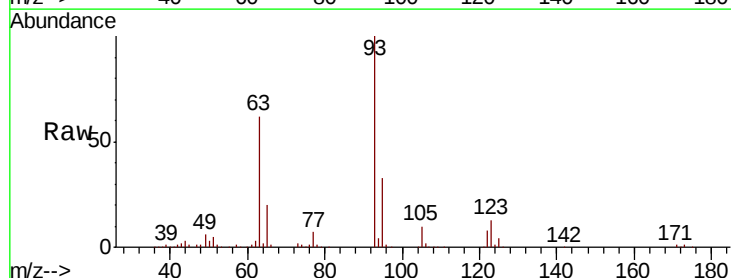
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 412214
Ion Ratio Lower Upper
122 100
107 117.5 90.0 135.0
121 59.1 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.686 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion: 93 Resp: 495658
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 12.7 10.3 15.5

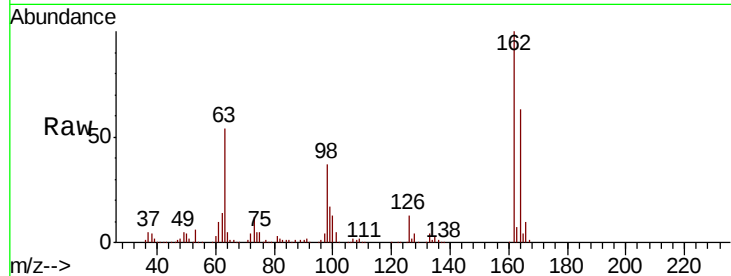




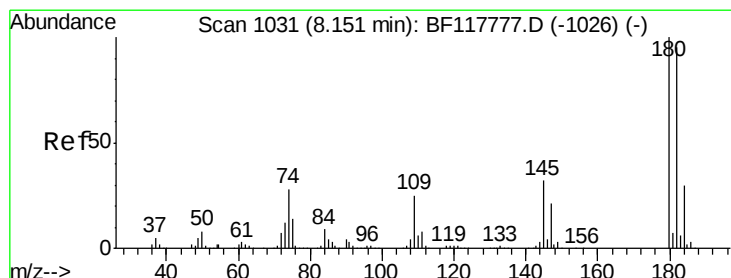
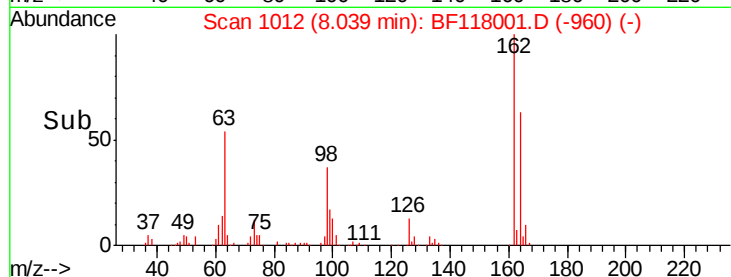
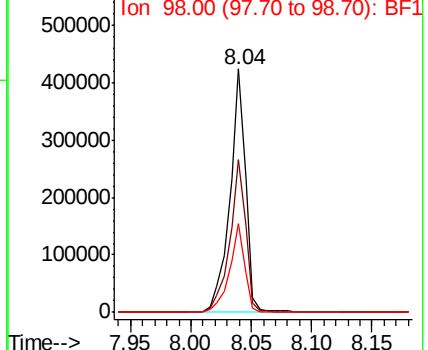
#29
2,4-Dichlorophenol
Concen: 42.285 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 384302
Ion Ratio Lower Upper
162 100
164 63.0 45.1 85.1
98 36.7 17.2 57.2

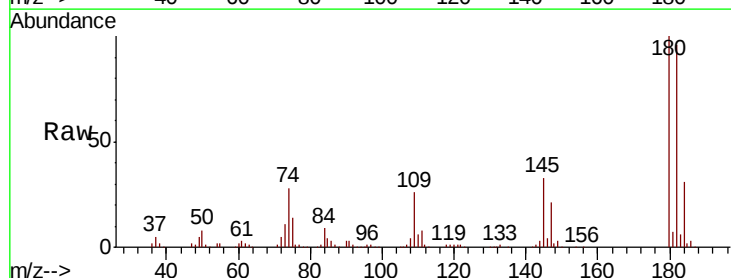


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

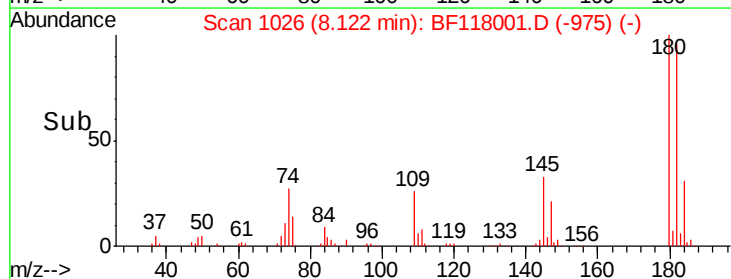
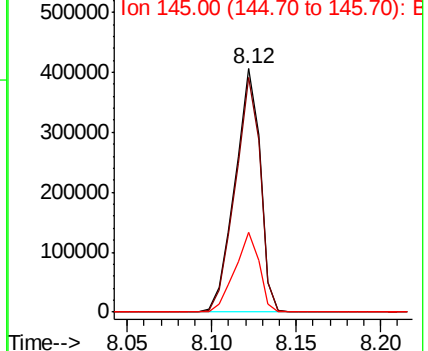


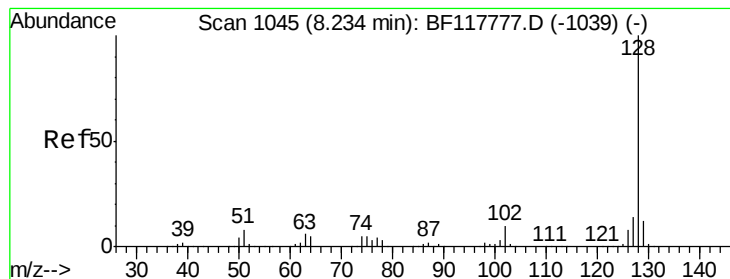
#30
1,2,4-Trichlorobenzene
Concen: 40.012 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:180 Resp: 421799
Ion Ratio Lower Upper
180 100
182 96.3 75.8 113.6
145 32.6 25.5 38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.398 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

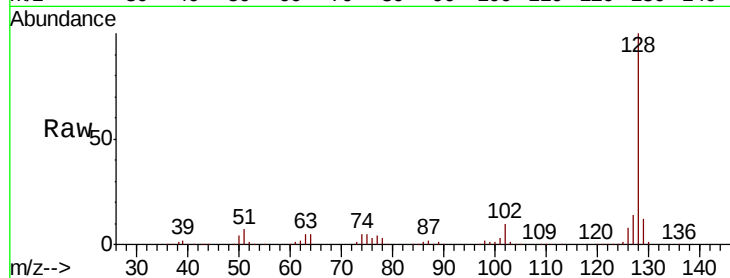
Tot Ion:128 Resp: 1321261

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

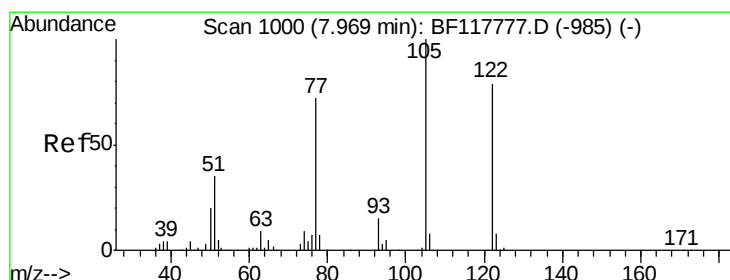
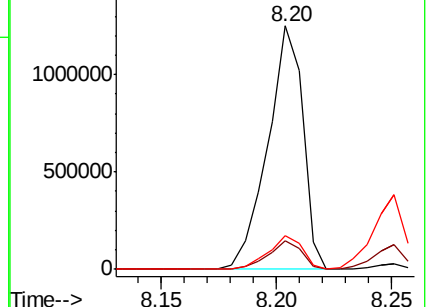
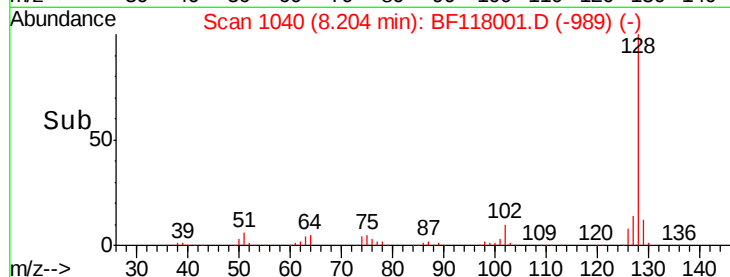
127 13.8 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.719 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.02 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

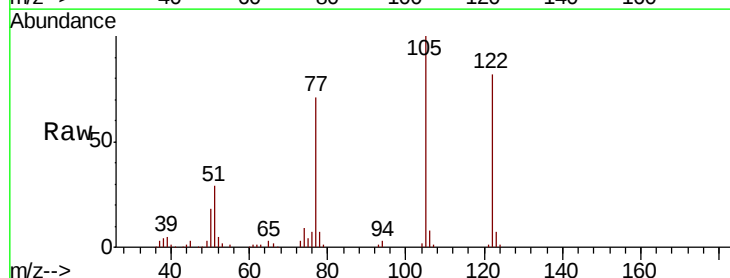
Tgt Ion:122 Resp: 278648

Ion Ratio Lower Upper

122 100

105 122.6 102.7 142.7

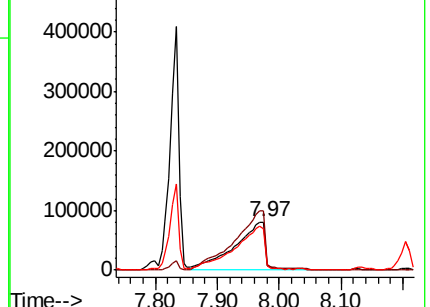
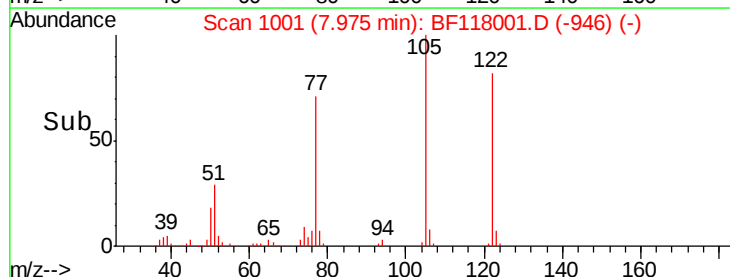
77 87.6 70.5 110.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

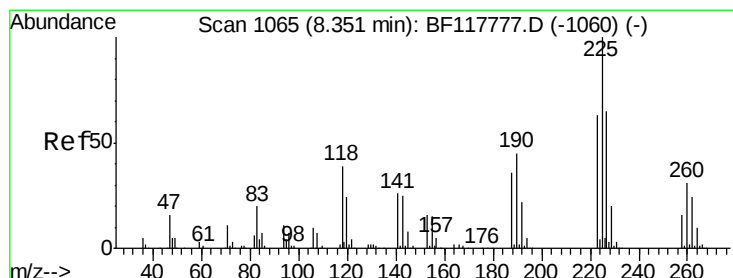
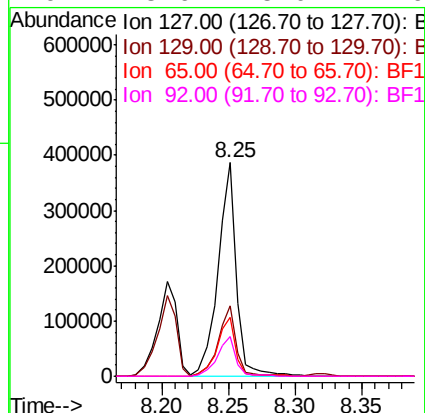
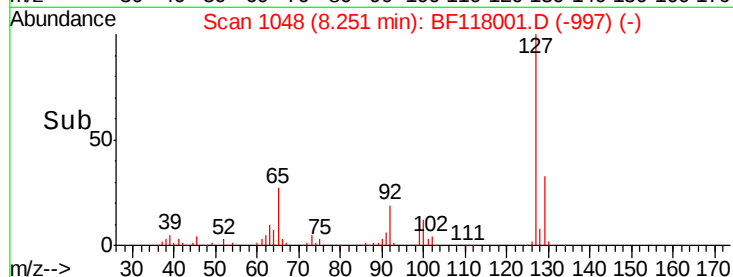
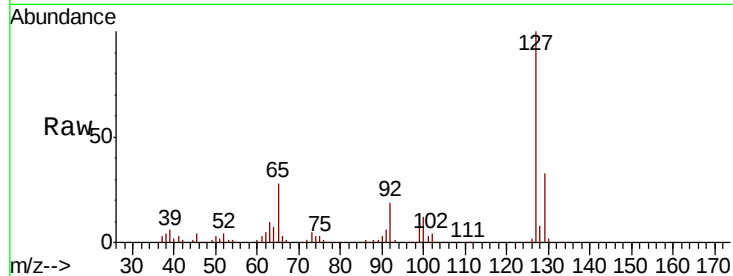




#33
4-Chloroaniline
Concen: 28.045 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

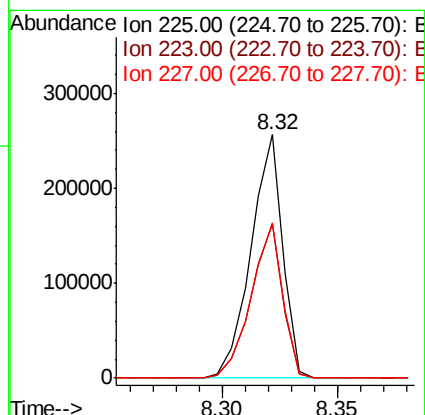
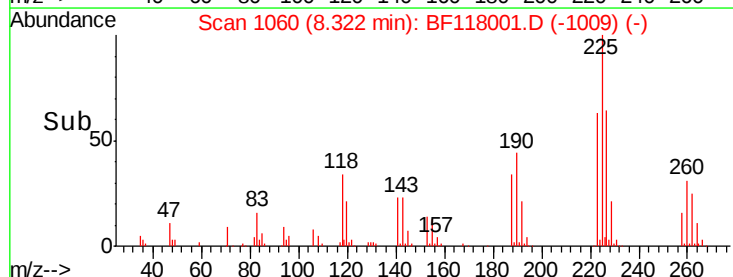
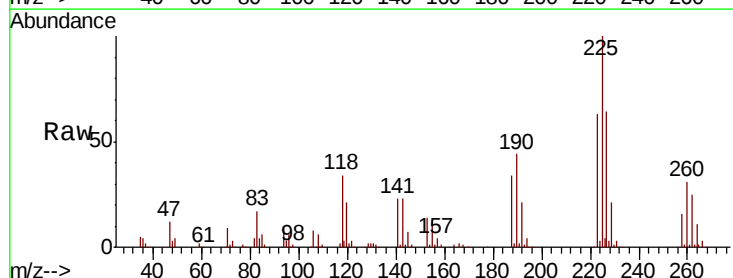
Instrument :
BNA_F
ClientSampled :

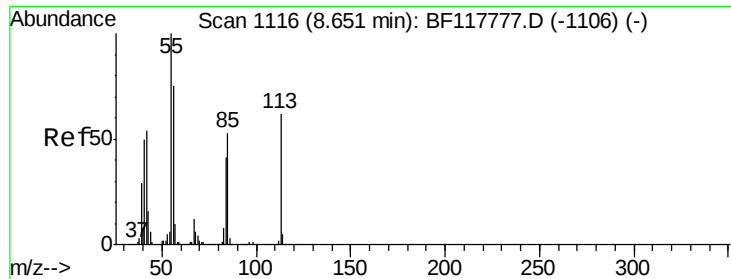
Tot Ion:	127	Resp:	373643
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	27.5	22.9	34.3
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.915 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:	225	Resp:	246017
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	63.6	51.8	77.6





#35

Caprolactam

Concen: 17.746 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.05 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

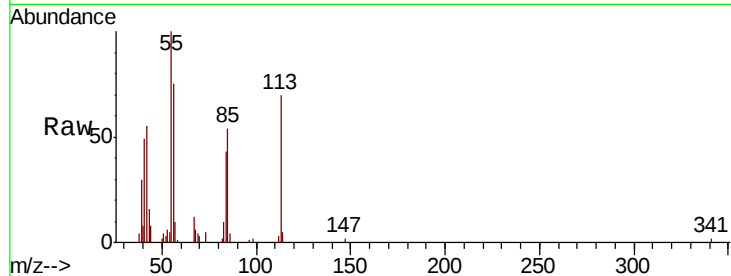
Tot Ion:113 Resp: 51258

Ion Ratio Lower Upper

113 100

55 143.1 141.1 181.1

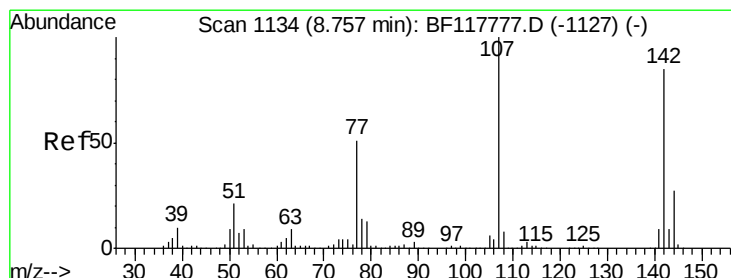
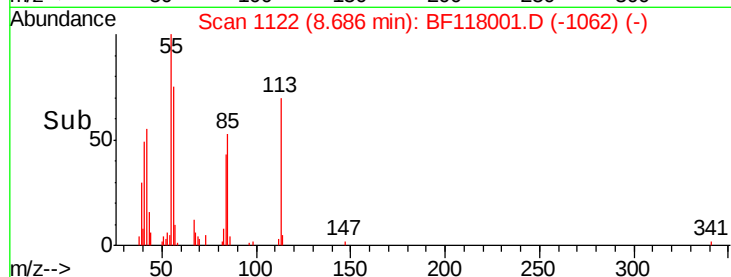
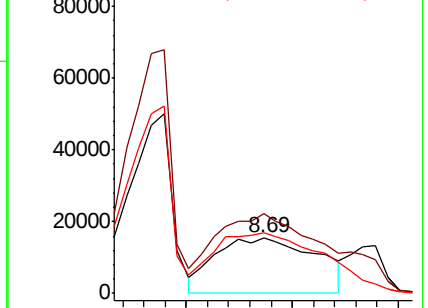
56 107.2 100.5 140.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.403 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

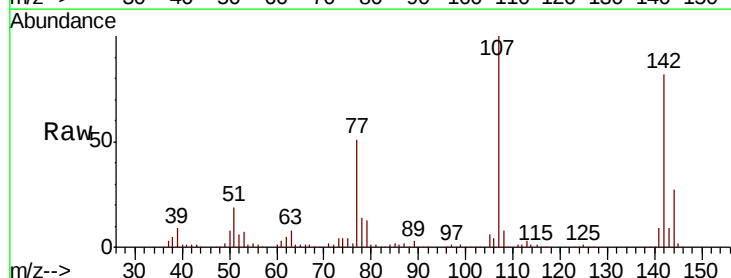
Tgt Ion:107 Resp: 409554

Ion Ratio Lower Upper

107 100

144 26.5 21.9 32.9

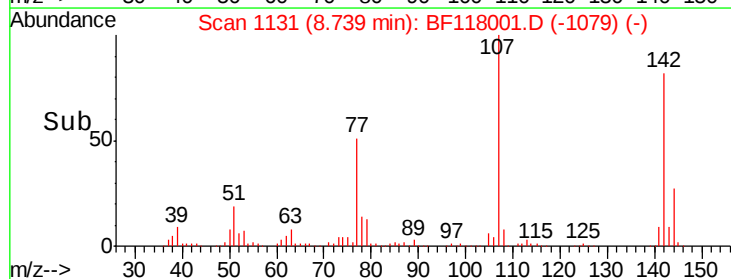
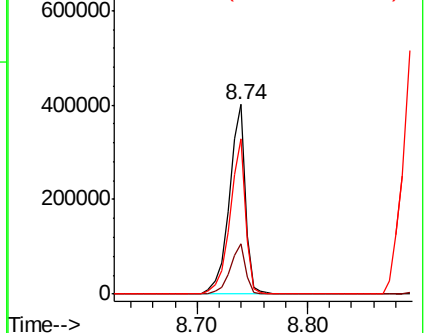
142 82.1 67.7 101.5

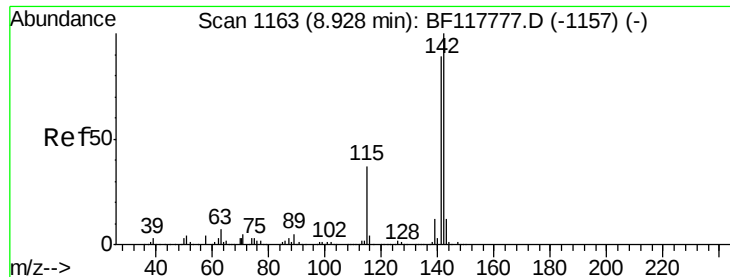


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

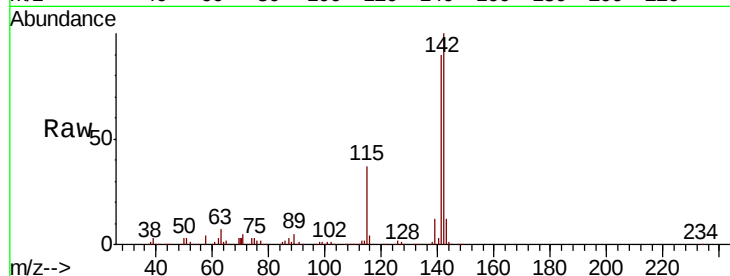




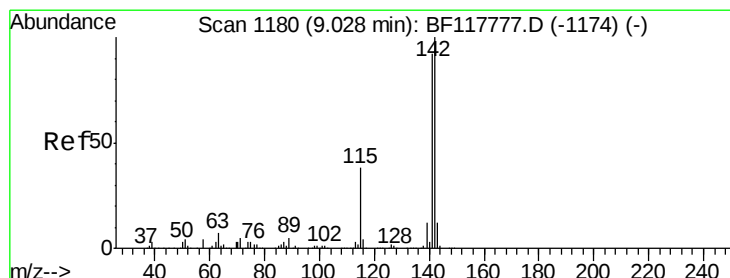
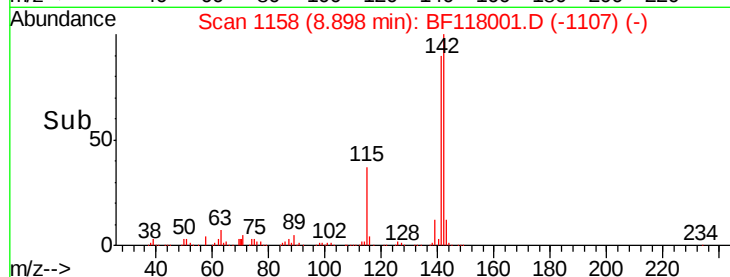
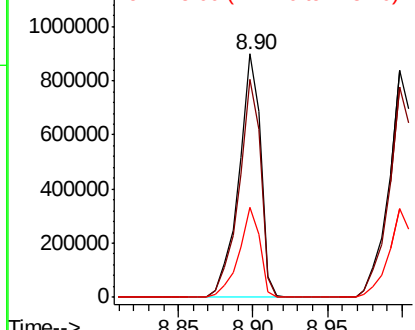
#37
2-Methylnaphthalene
Concen: 45.465 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 914187
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7
115 36.8 29.2 43.8

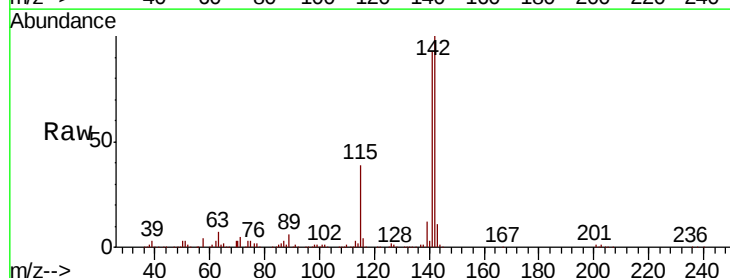


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

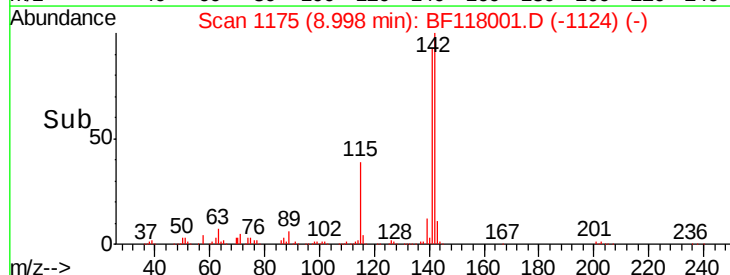
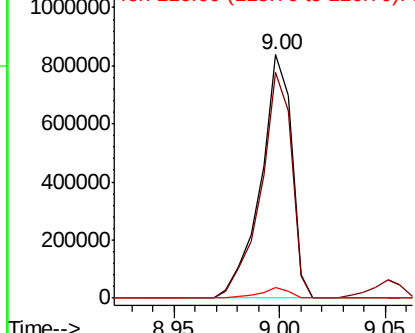


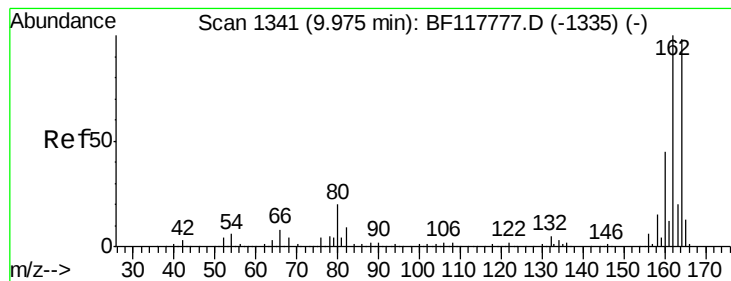
#38
1-Methylnaphthalene
Concen: 45.157 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:142 Resp: 858425
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3
116 4.2 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

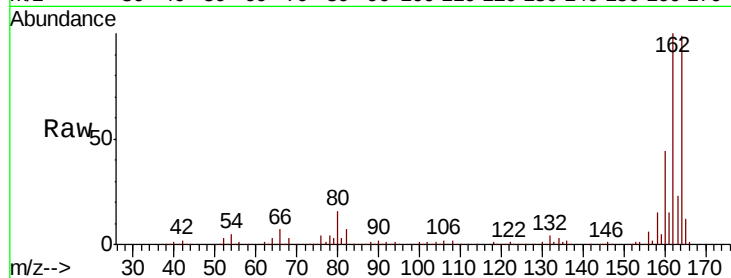
Tot Ion:164 Resp: 349670

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

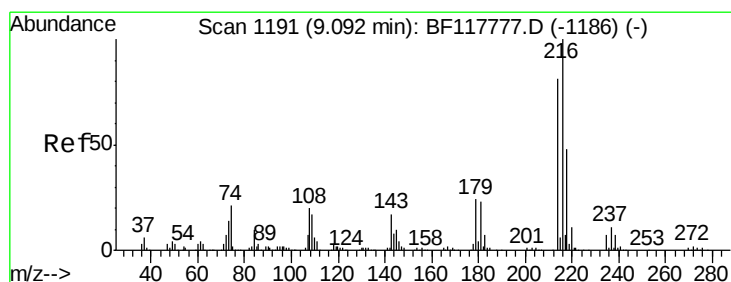
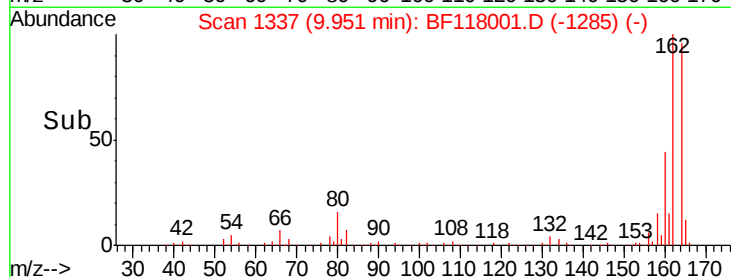
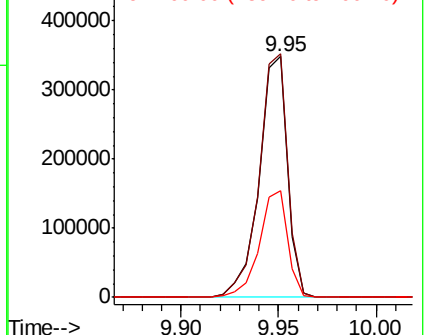
160 44.5 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.277 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Tgt Ion:216 Resp: 398852

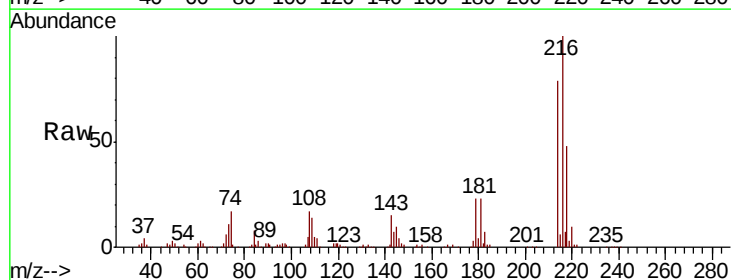
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 23.2 18.2 27.4

108 21.8 16.0 24.0

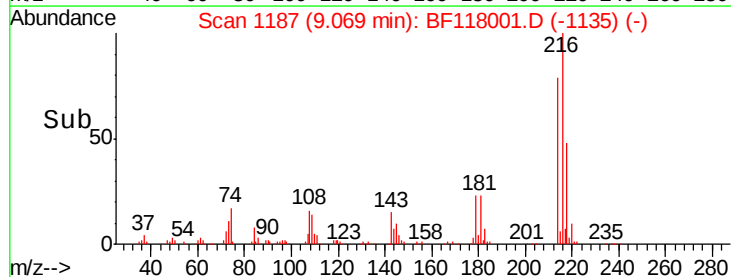
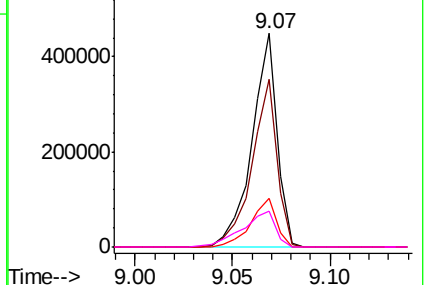


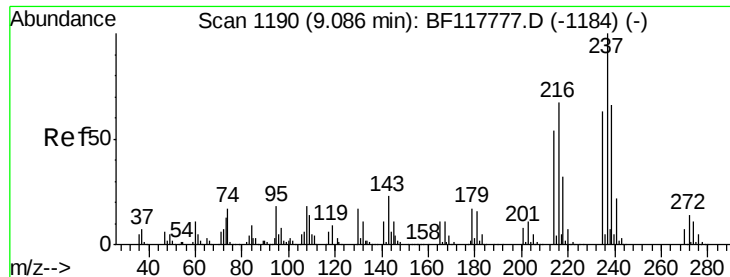
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.785 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

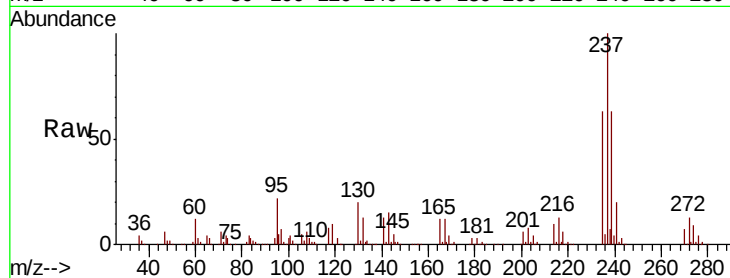
Tot Ion:237 Resp: 505251

Ion Ratio Lower Upper

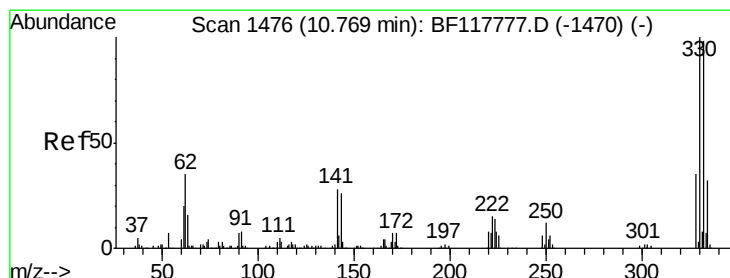
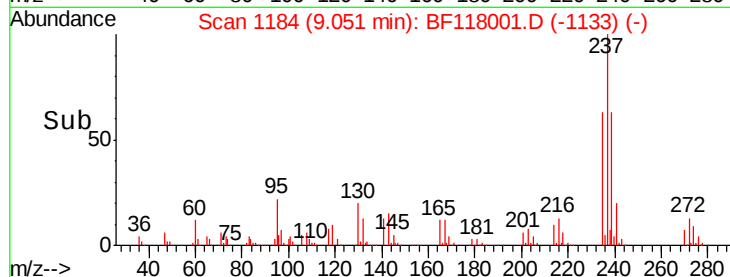
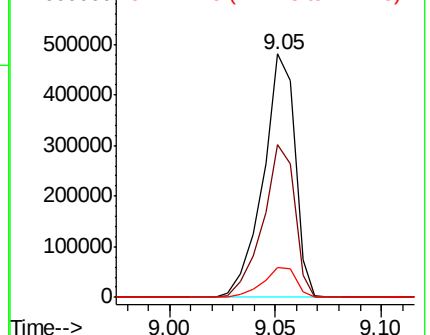
237 100

235 62.8 42.6 82.6

272 12.5 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.545 ng

RT: 10.75 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

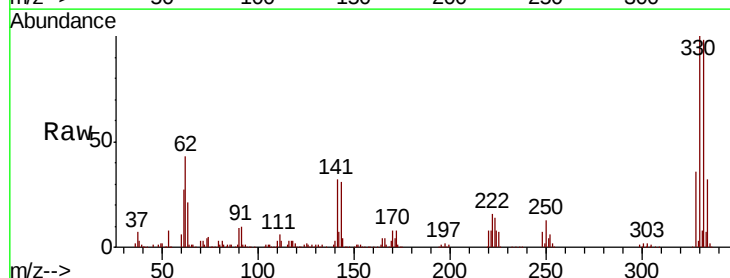
Tgt Ion:330 Resp: 457353

Ion Ratio Lower Upper

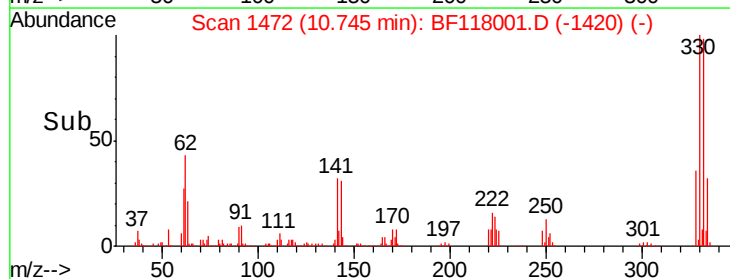
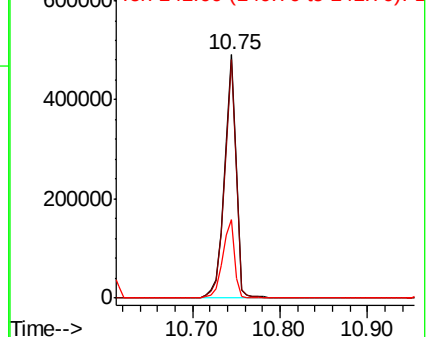
330 100

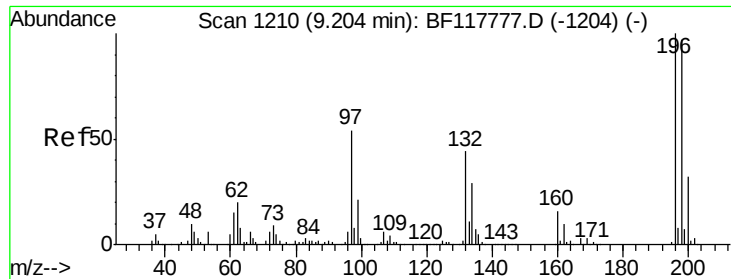
332 97.4 76.7 115.1

141 33.0 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

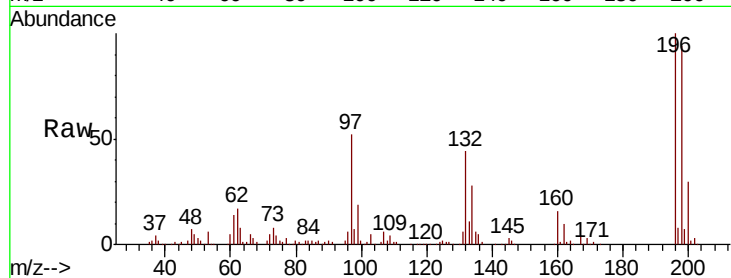




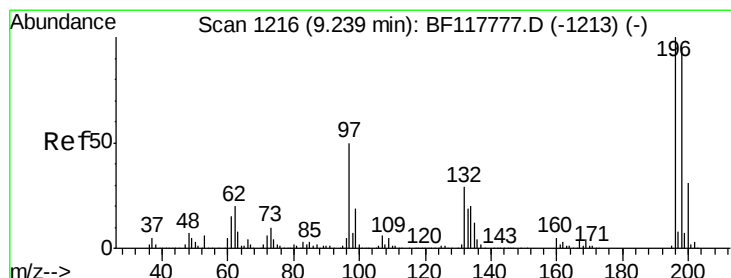
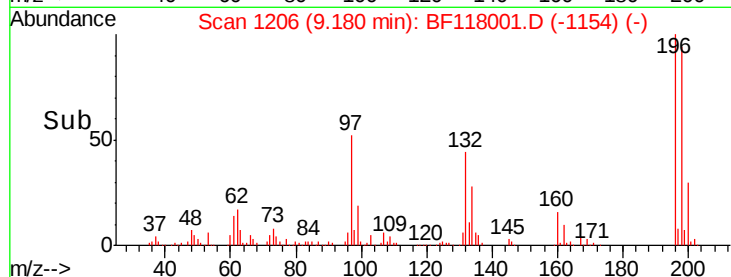
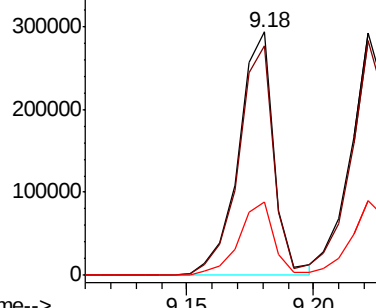
#43
 2,4,6-Trichlorophenol
 Concen: 39.506 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 287346
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.8 116.6
 200 30.2 25.4 38.0

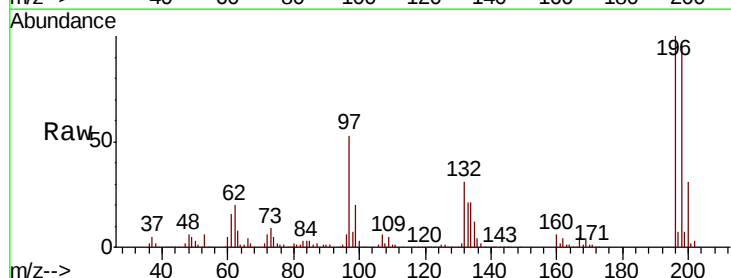


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

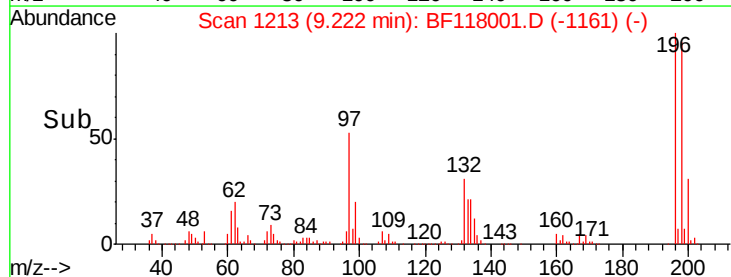
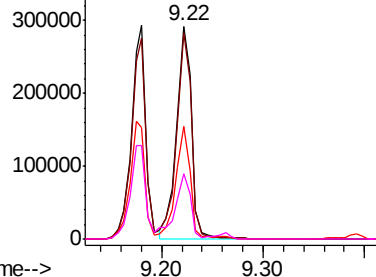


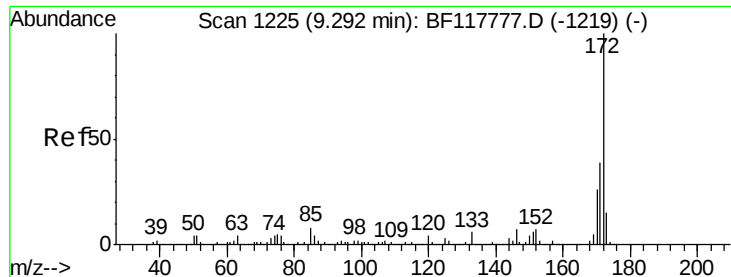
#44
 2,4,5-Trichlorophenol
 Concen: 39.605 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Tgt Ion:196 Resp: 299088
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.3 114.5
 97 53.1 40.0 60.0
 132 30.9 23.6 35.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

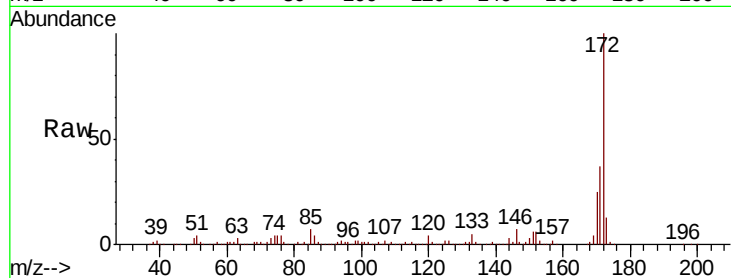




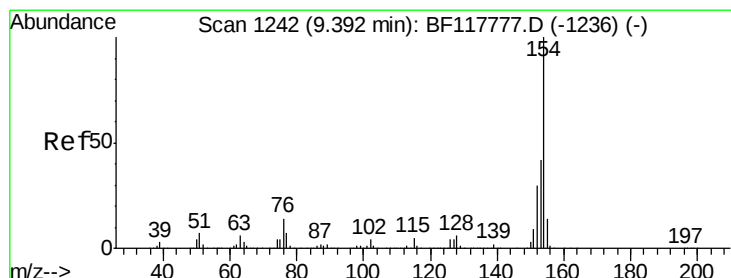
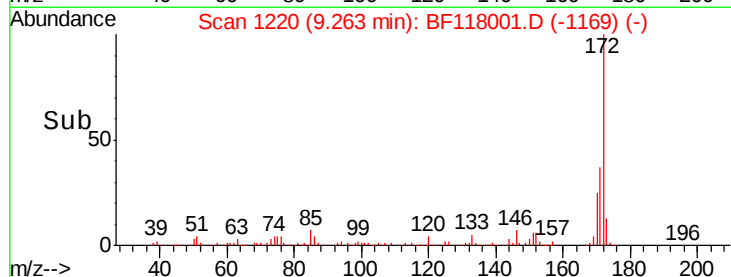
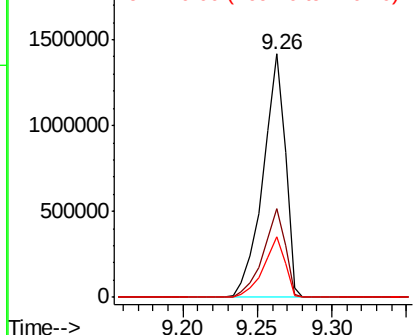
#45
2-Fluorobiphenyl
Concen: 74.335 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1448845
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.6 21.0 31.4

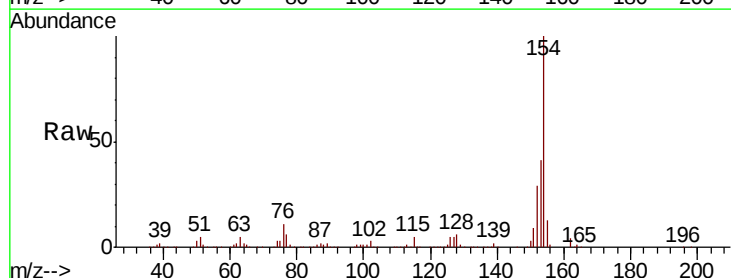


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

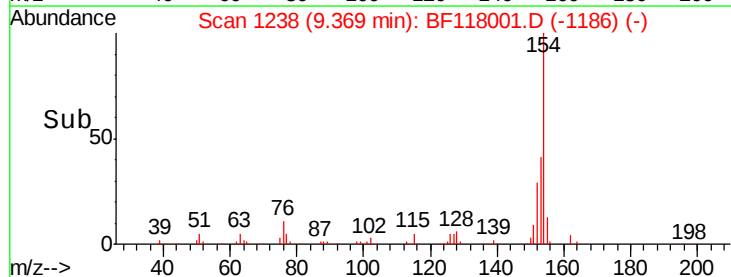
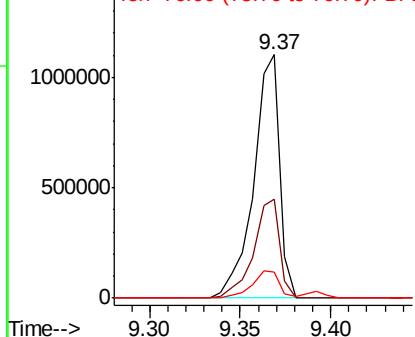


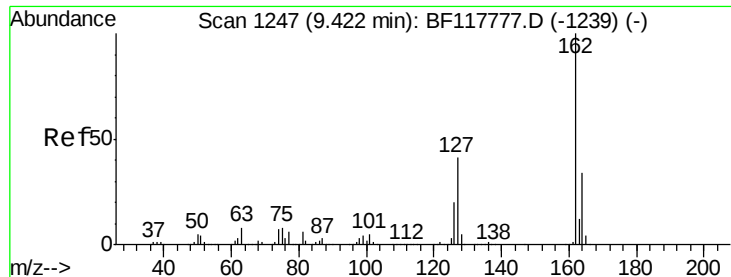
#46
1,1'-Biphenyl
Concen: 42.304 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:154 Resp: 1097462
Ion Ratio Lower Upper
154 100
153 40.8 21.9 61.9
76 10.7 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

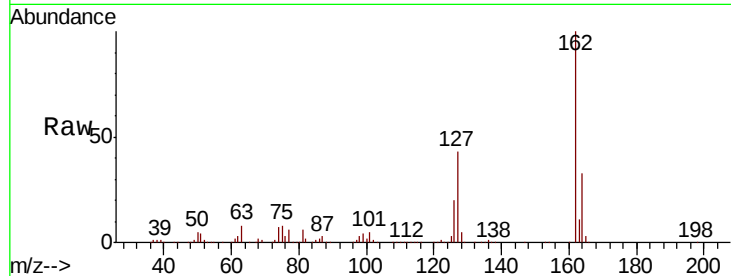




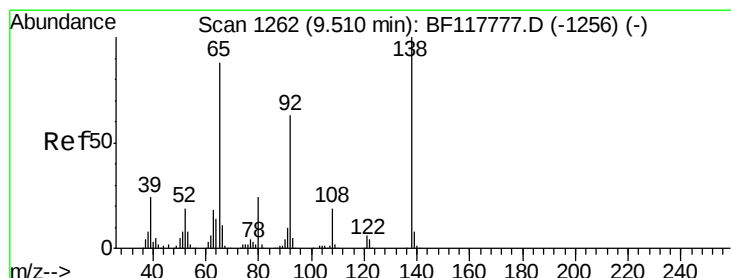
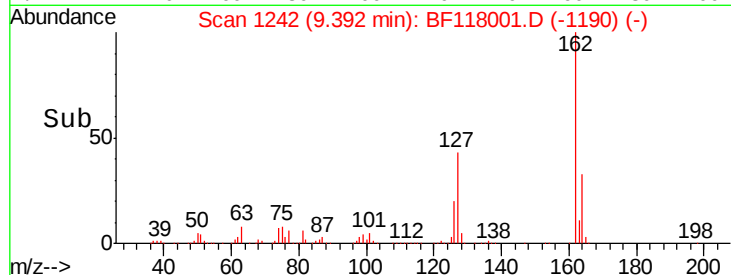
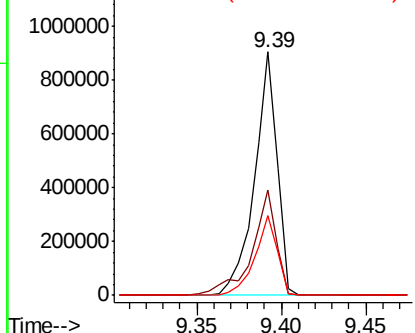
#47
 2-Chloronaphthalene
 Concen: 39.619 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.5	33.2	49.8
164	32.9	27.3	40.9

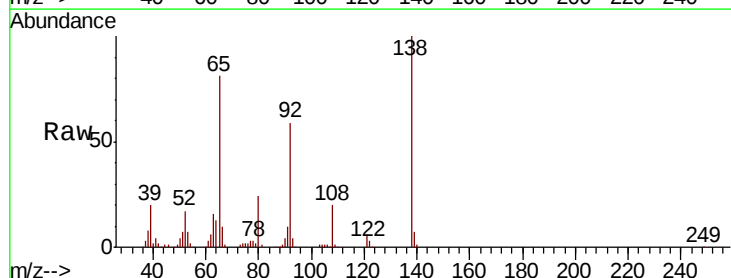


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

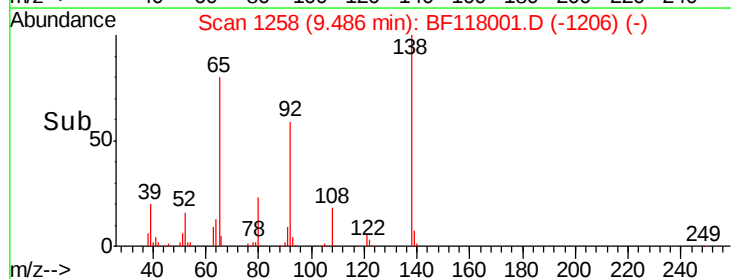
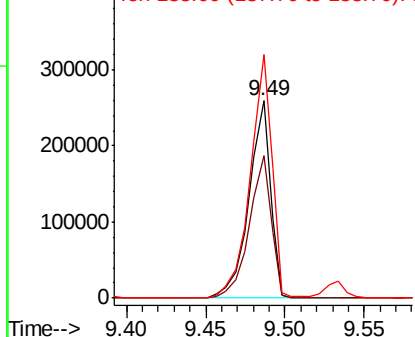


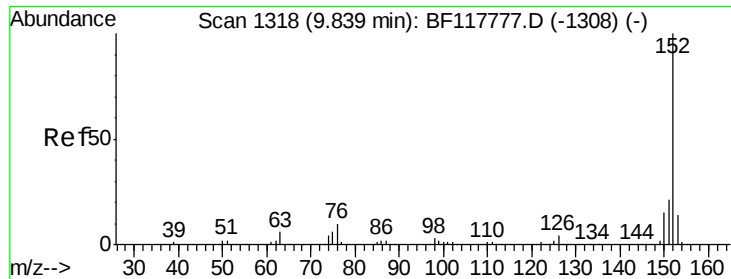
#48
 2-Nitroaniline
 Concen: 38.130 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	56.6	84.8
138	123.6	90.5	135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.401 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

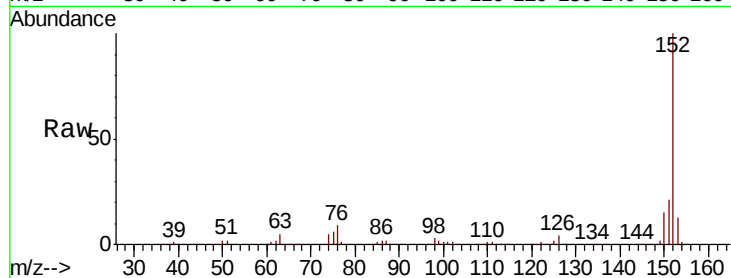
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1350425

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.6
153	13.4	11.0	16.6

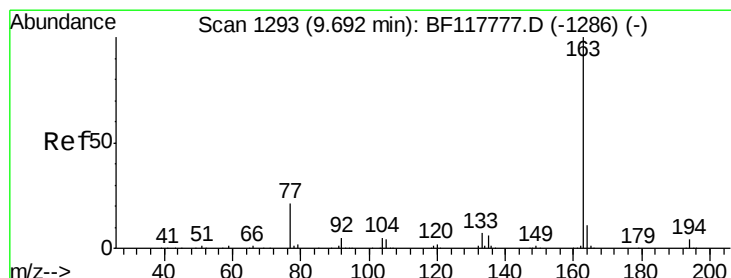
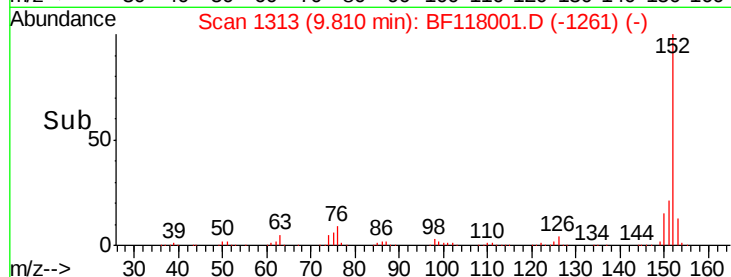
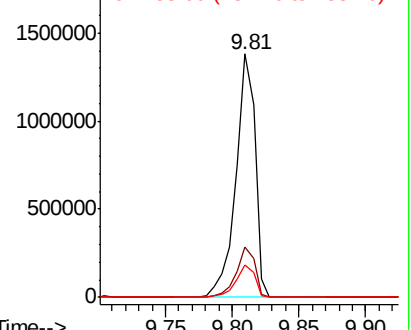


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.014 ng

RT: 9.67 min Scan# 1289

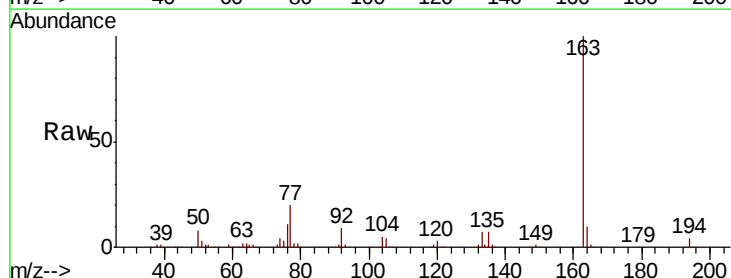
Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Tgt Ion:163 Resp: 1005667

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.5	8.7	13.1

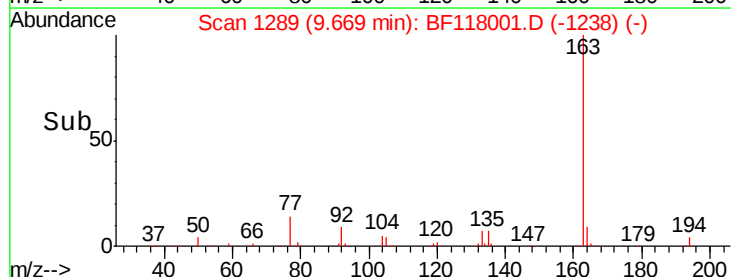
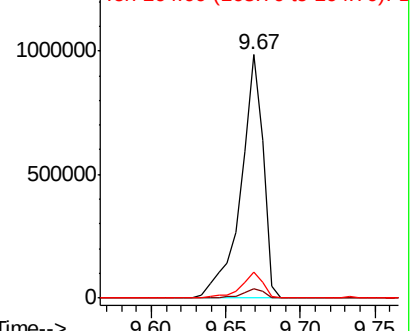


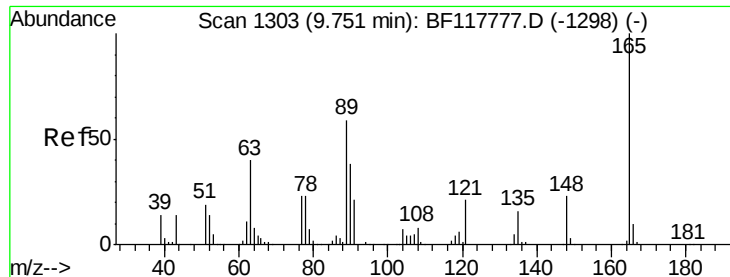
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.115 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

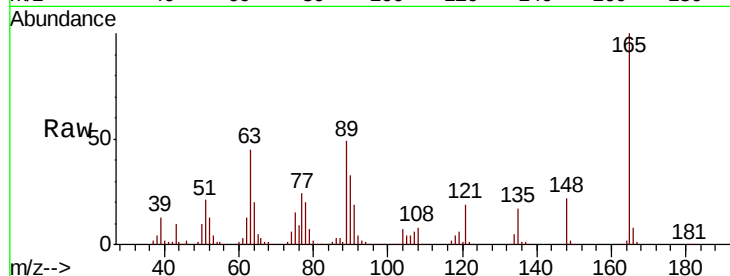
Tot Ion:165 Resp: 225692

Ion Ratio Lower Upper

165 100

63 44.7 46.0 69.0#

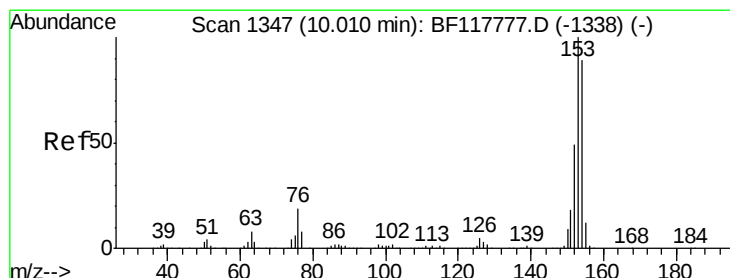
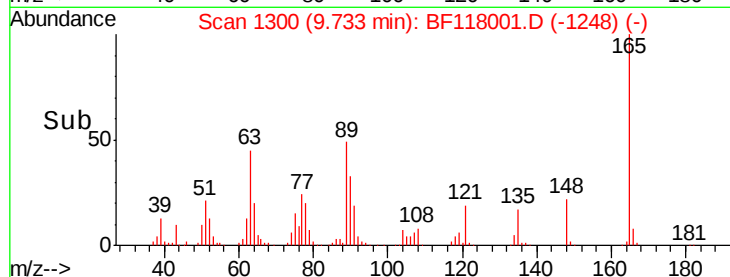
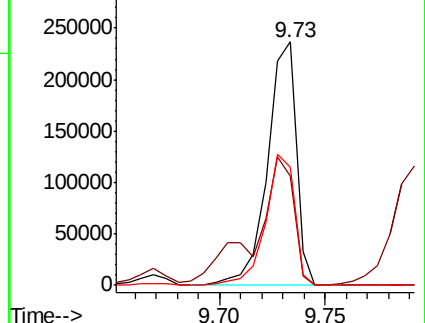
89 48.7 47.7 71.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.759 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

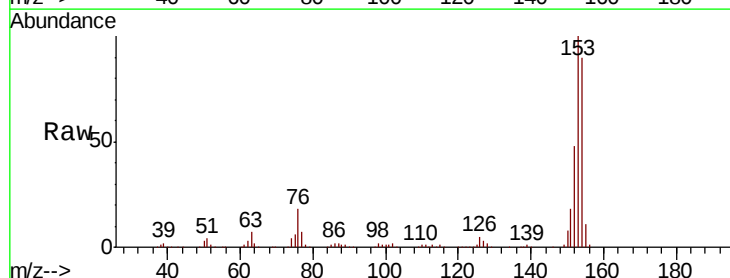
Tgt Ion:154 Resp: 792471

Ion Ratio Lower Upper

154 100

153 110.9 90.1 135.1

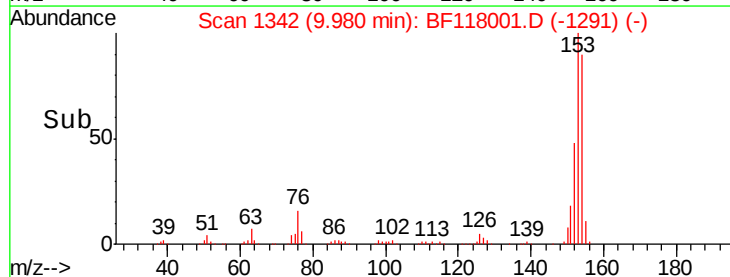
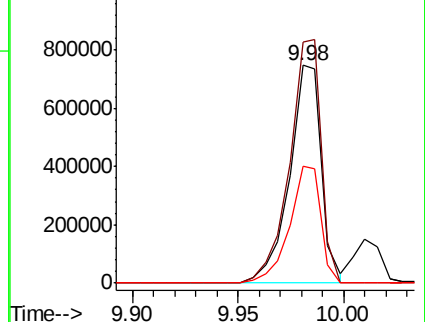
152 53.4 44.0 66.0

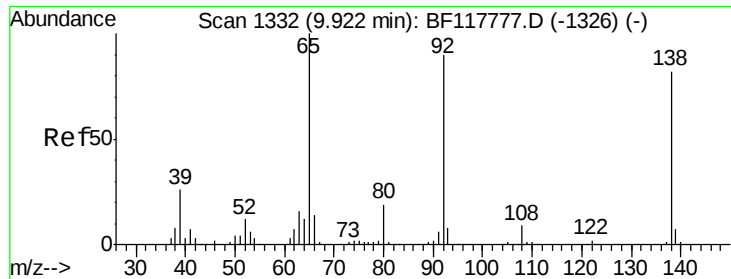


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

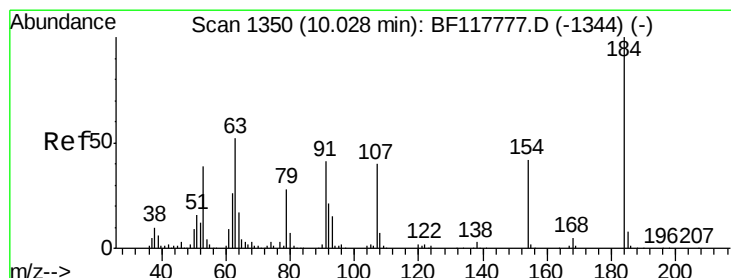
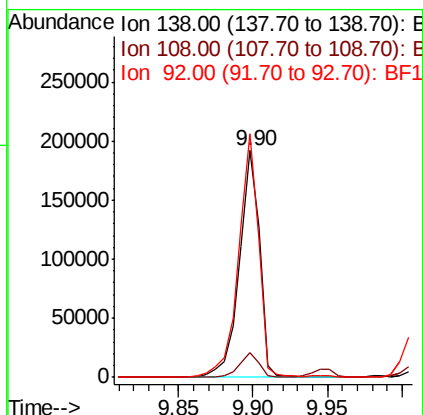
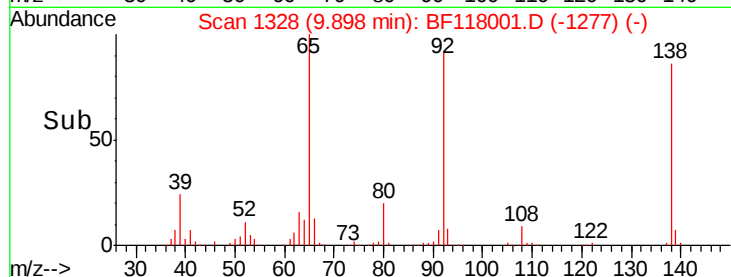
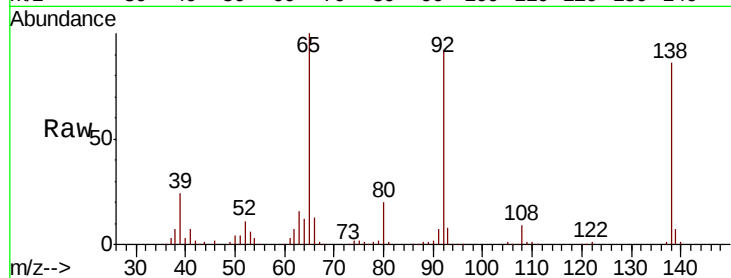




#53
3-Nitroaniline
Concen: 28.107 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

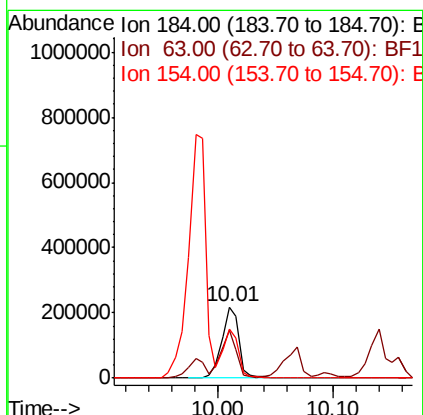
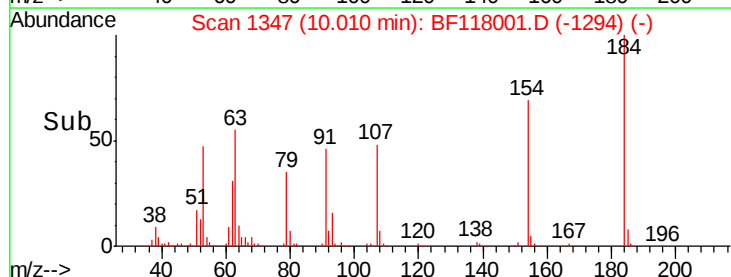
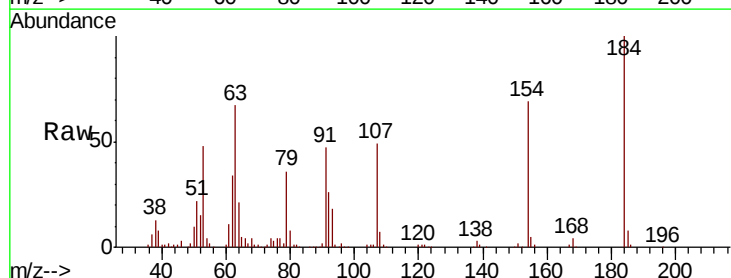
Instrument :
BNA_F
ClientSampleId :

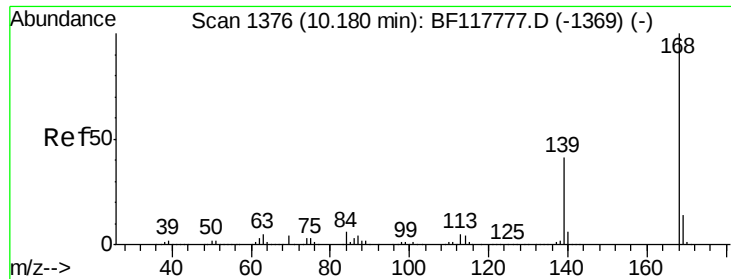
Tot Ion:138 Resp: 180233
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 107.4 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 82.356 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:184 Resp: 227416
Ion Ratio Lower Upper
184 100
63 67.3 43.0 64.6#
154 69.5 48.0 72.0

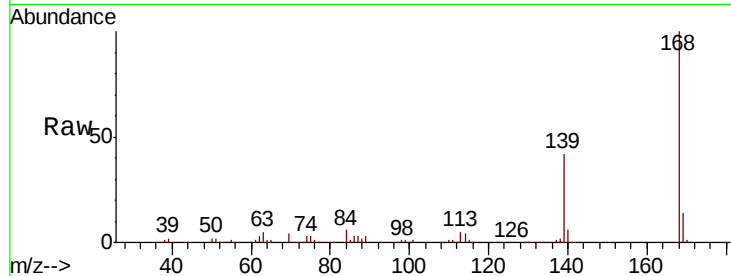




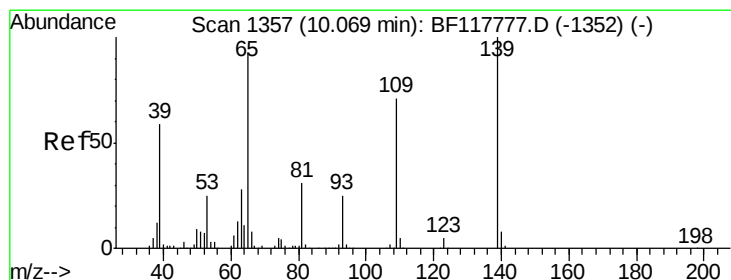
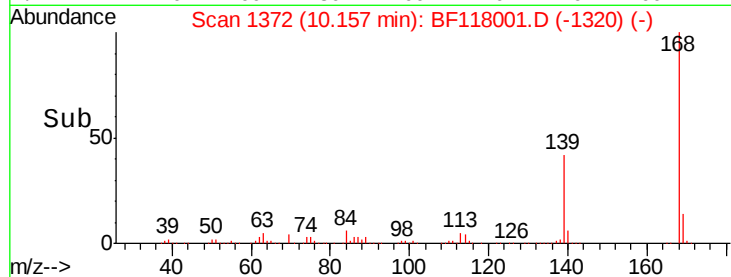
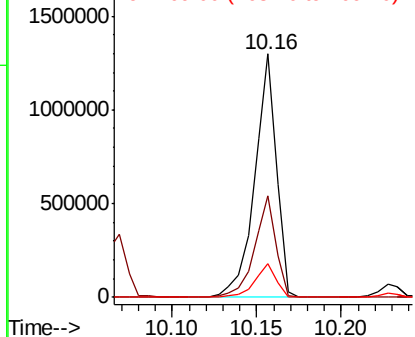
#55
Dibenzenofuran
Concen: 42.273 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1166765
Ion Ratio Lower Upper
168 100
139 41.9 33.0 49.6
169 13.6 11.5 17.3

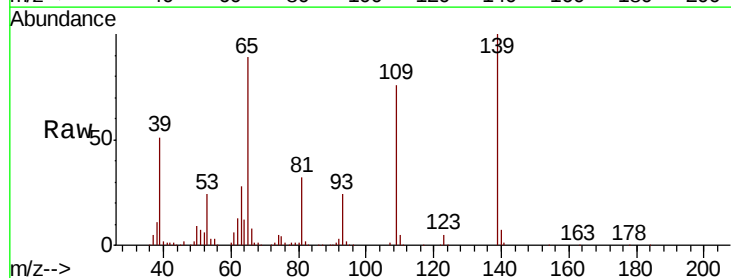


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

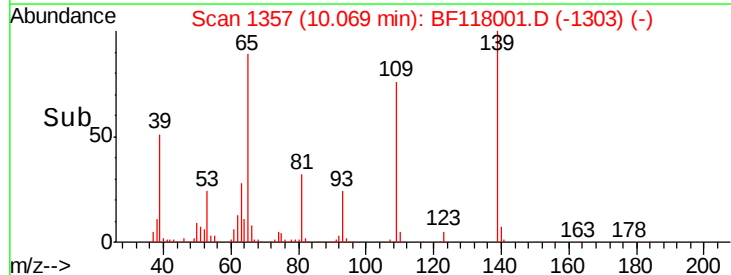
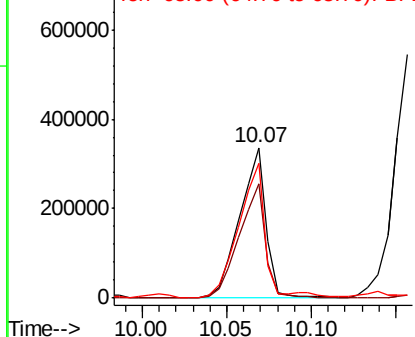


#56
4-Nitrophenol
Concen: 76.538 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:139 Resp: 366345
Ion Ratio Lower Upper
139 100
109 76.0 50.8 90.8
65 89.4 73.6 113.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

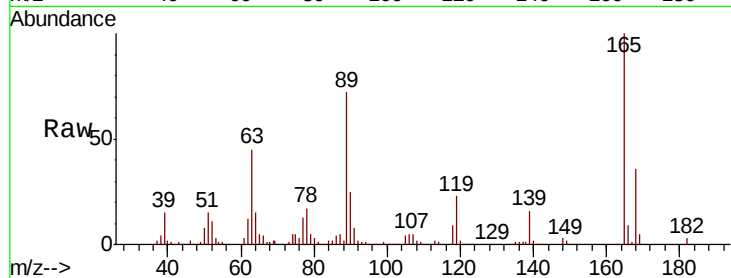




#57
2,4-Dinitrotoluene
Concen: 43.919 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.6	33.7	50.5
89	72.2	57.3	85.9
182	2.9	2.3	3.5



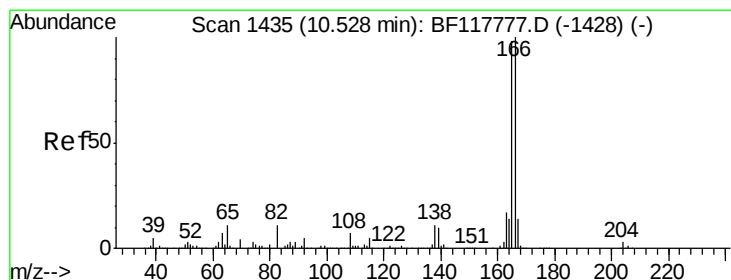
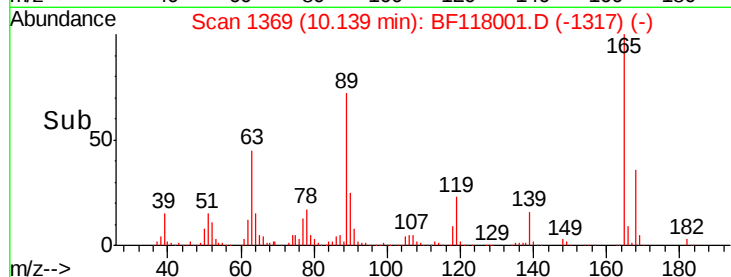
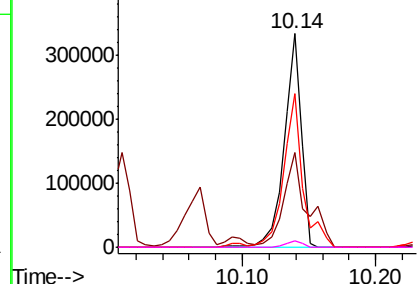
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

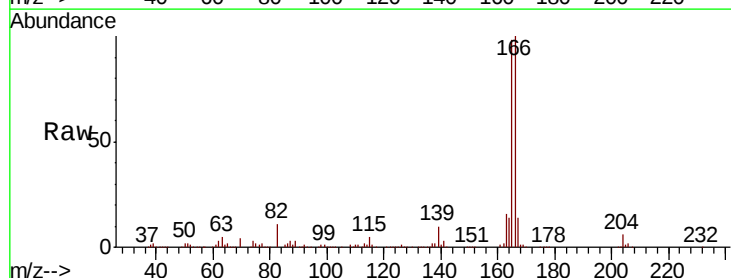
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.665 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.5	11.0	16.4

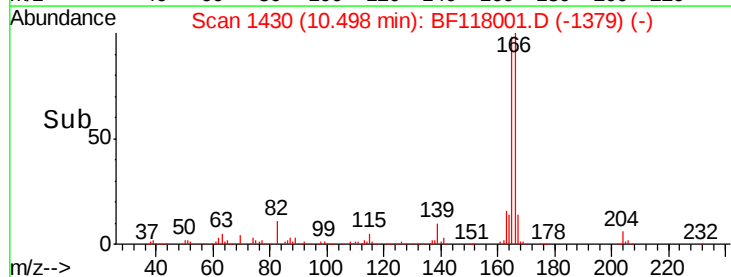
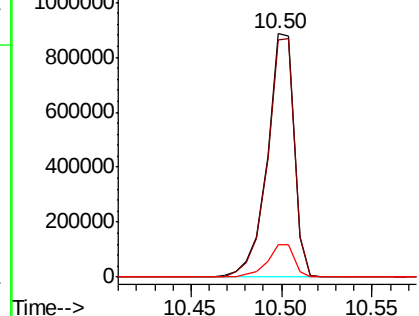


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

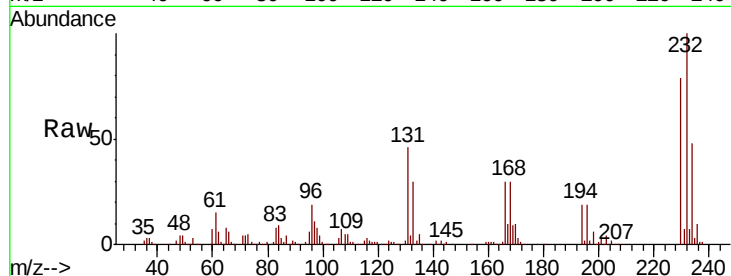




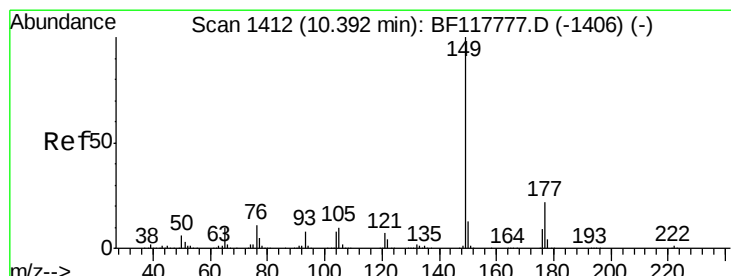
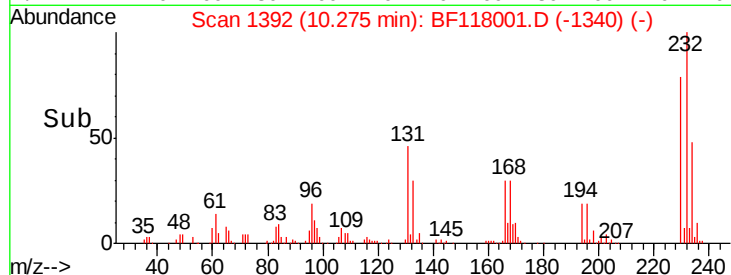
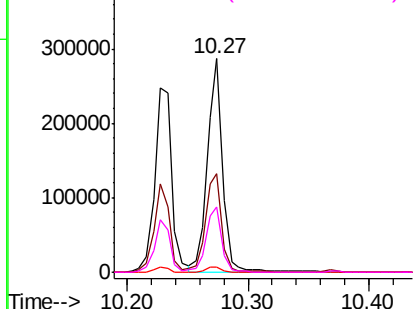
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.775 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	246802
Ion	Ratio	Lower	Upper
232	100		
131	49.5	37.6	56.4
130	2.6	1.9	2.9
166	32.4	24.2	36.4

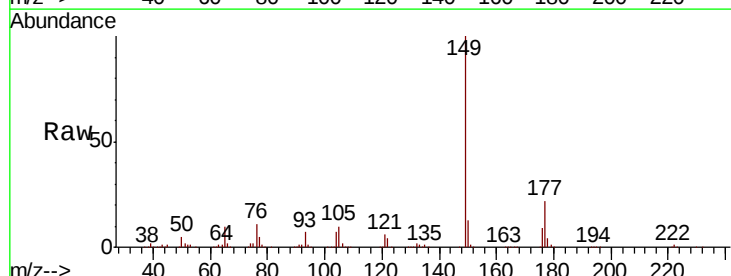


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

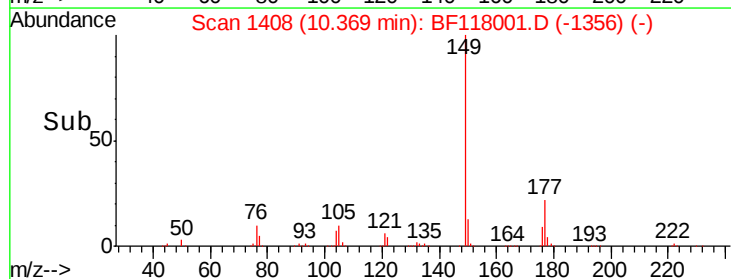
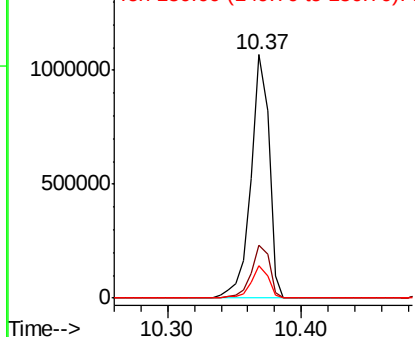


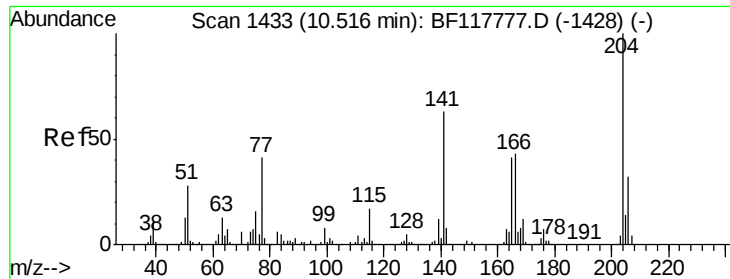
#60
 Diethylphthalate
 Concen: 41.506 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Tgt Ion:	149	Resp:	992225
Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.0	27.0
150	13.1	10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

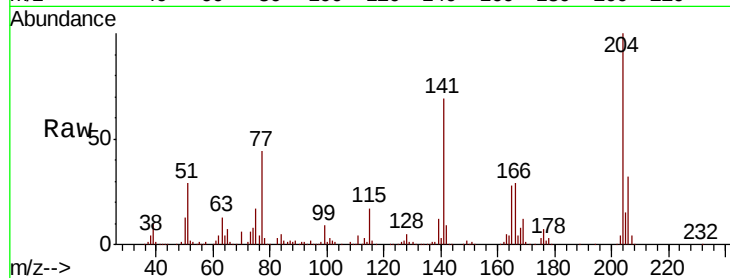




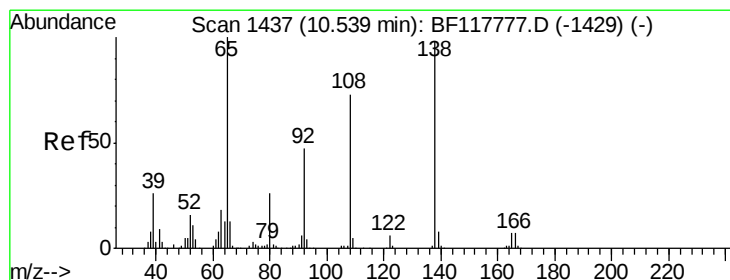
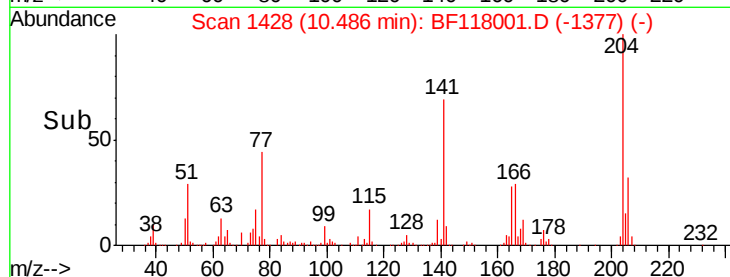
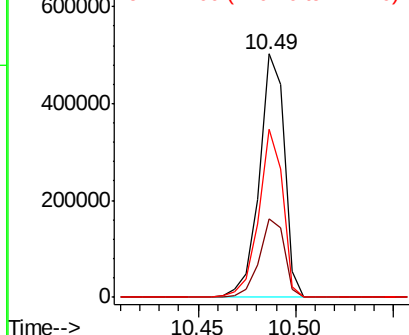
#61
4-Chlorophenyl-phenylether
Concen: 41.152 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 446684
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 69.0 50.7 76.1

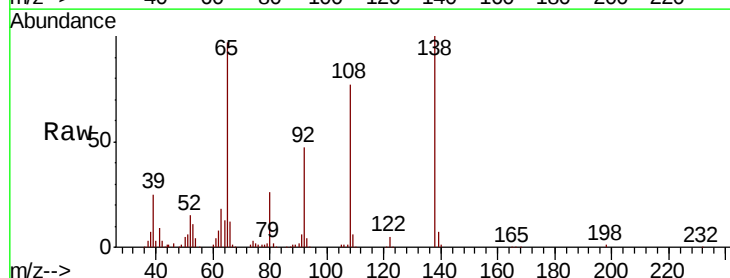


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

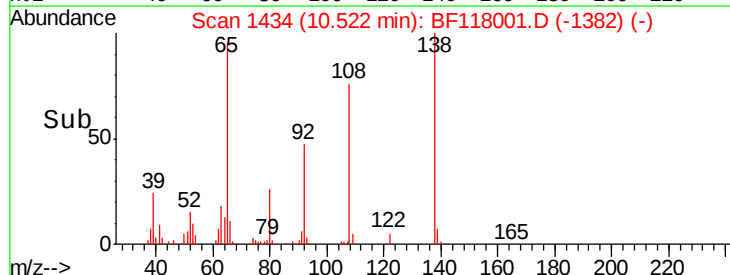
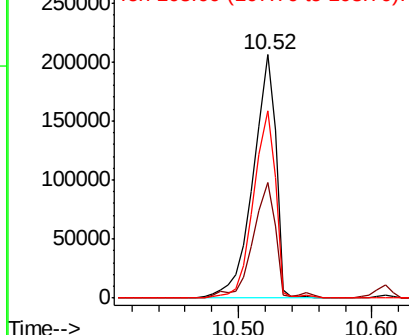


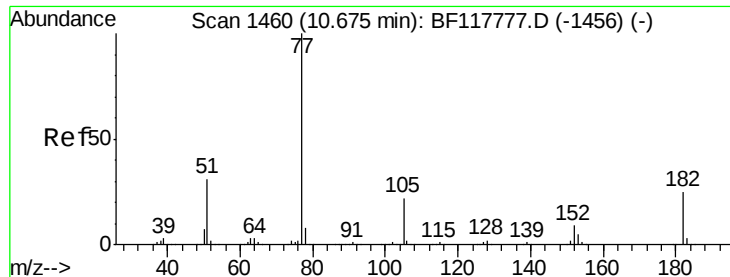
#62
4-Nitroaniline
Concen: 37.595 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:138 Resp: 241382
Ion Ratio Lower Upper
138 100
92 47.3 28.3 68.3
108 77.0 54.3 94.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.140 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 894745

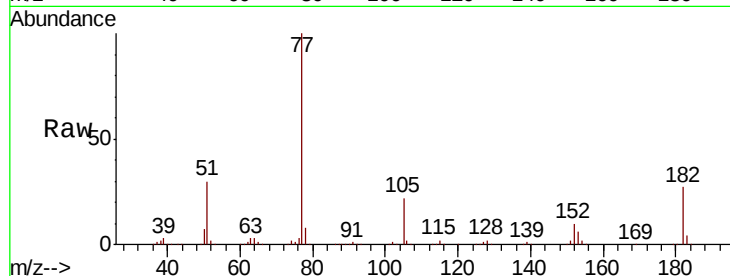
Ion Ratio Lower Upper

77 100

182 27.2 4.8 44.8

105 22.3 2.1 42.1

51 29.8 11.4 51.4

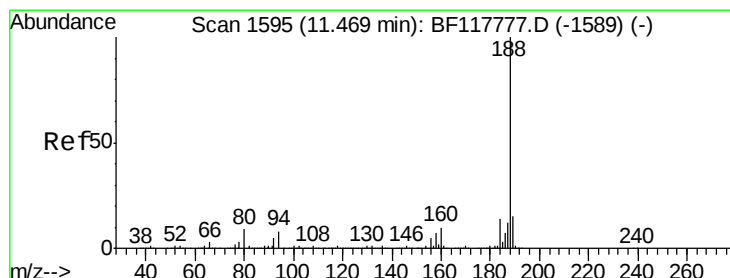
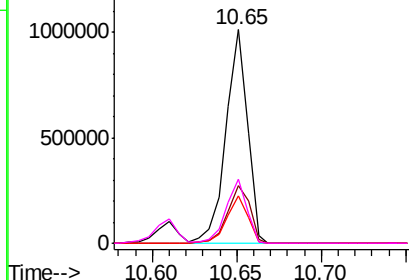
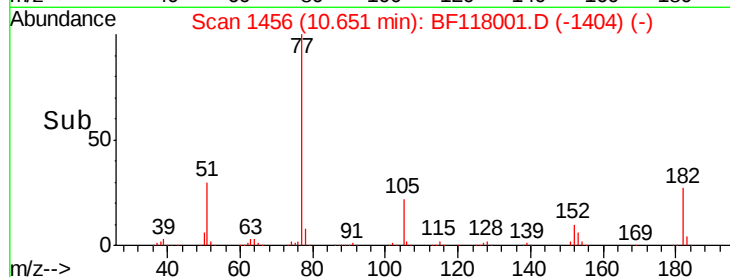


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

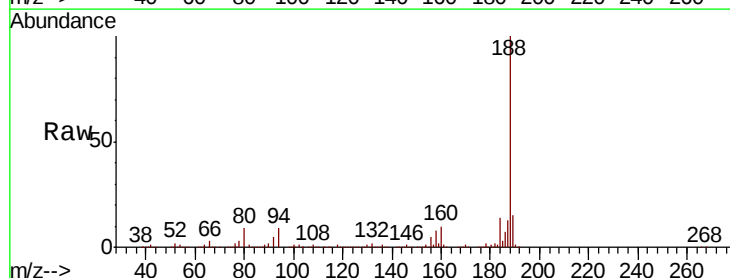
Tgt Ion: 188 Resp: 637472

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

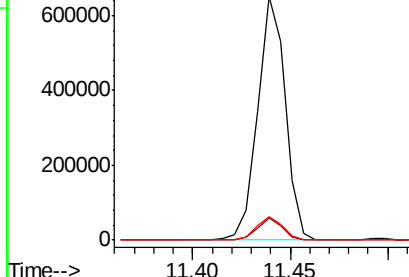
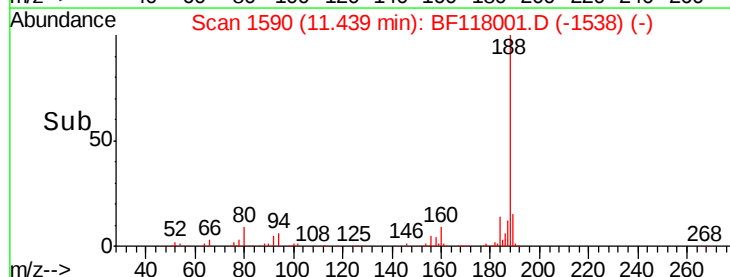
80 9.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

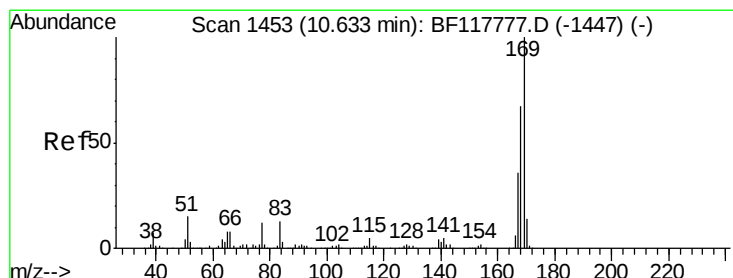
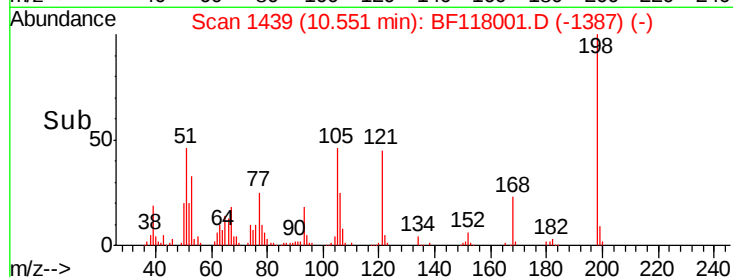
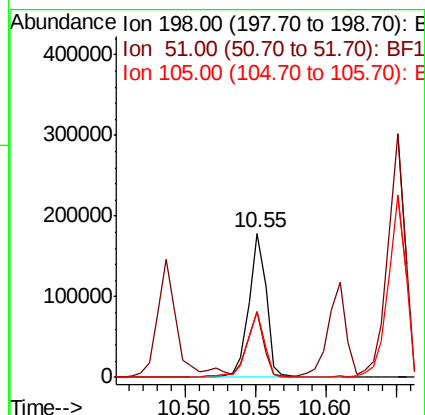
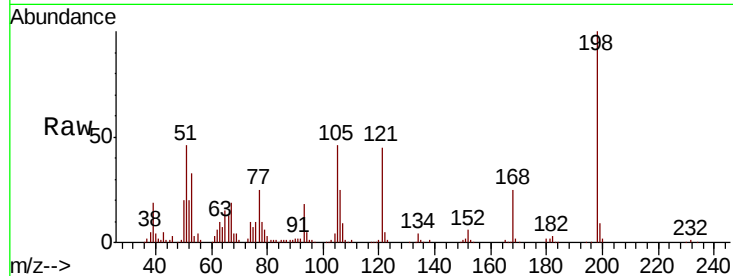




#65
4,6-Dinitro-2-methylphenol
Concen: 52.261 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

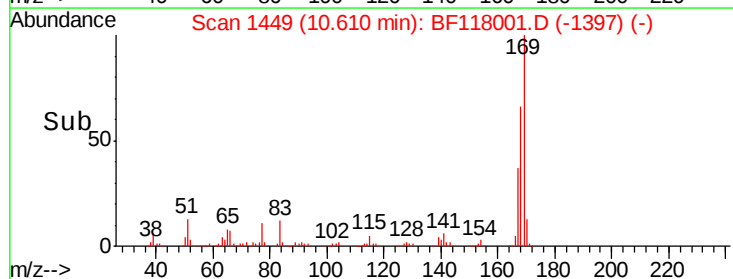
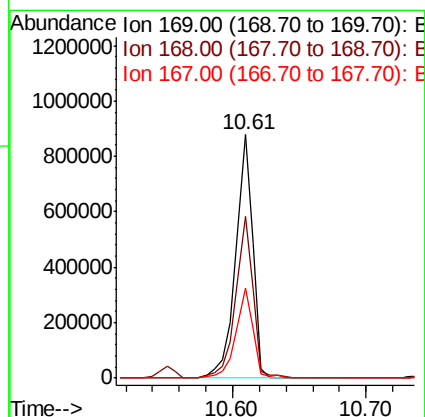
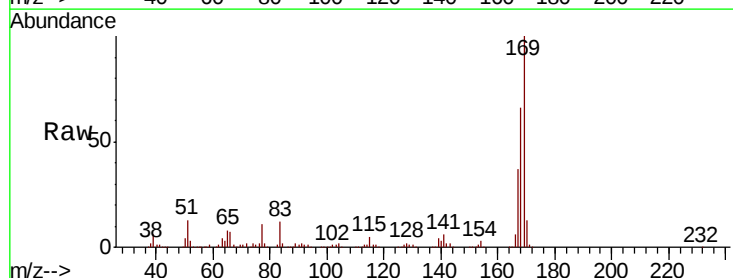
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 155527
Ion Ratio Lower Upper
198 100
51 46.0 16.0 56.0
105 45.8 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 42.940 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:169 Resp: 796640
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 37.0 29.0 43.4

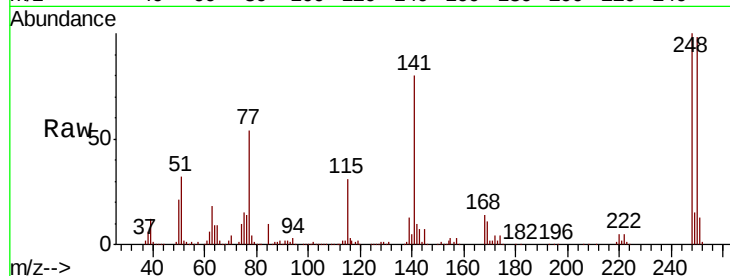




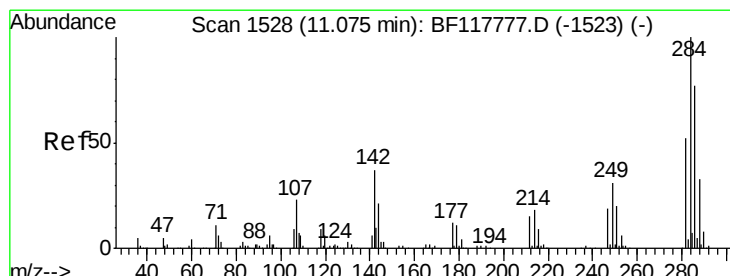
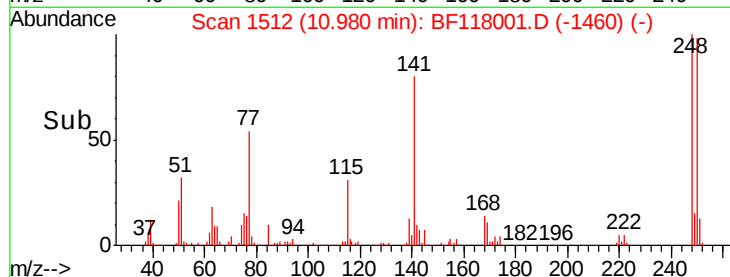
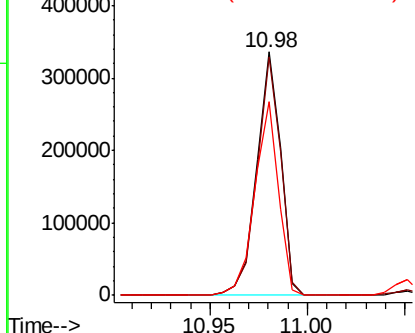
#67
4-Bromophenyl-phenylether
Concen: 41.504 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 285477
Ion Ratio Lower Upper
248 100
250 98.1 76.6 115.0
141 79.7 55.9 83.9

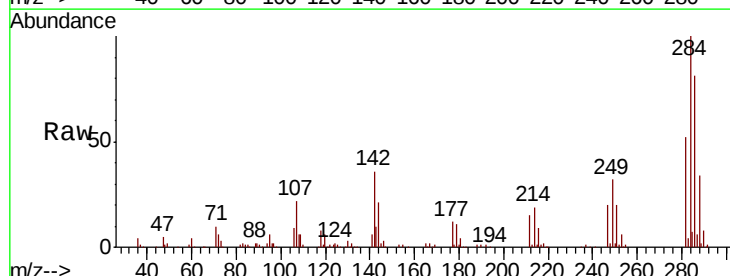


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

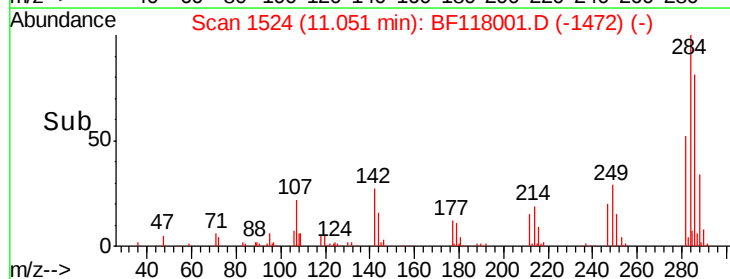
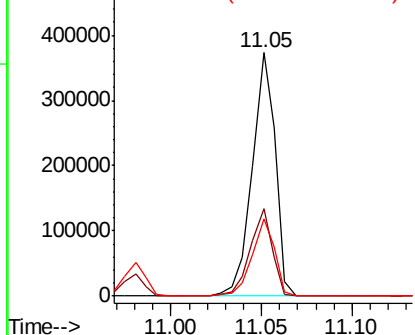


#68
Hexachlorobenzene
Concen: 41.176 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:284 Resp: 330250
Ion Ratio Lower Upper
284 100
142 35.9 29.4 44.2
249 31.7 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

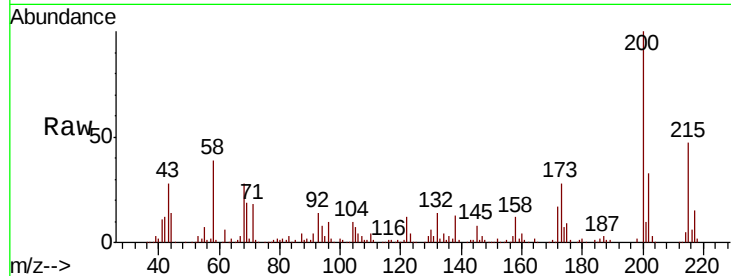




#69
Atrazine
Concen: 45.241 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.7	46.7
215	46.8	27.5	67.5

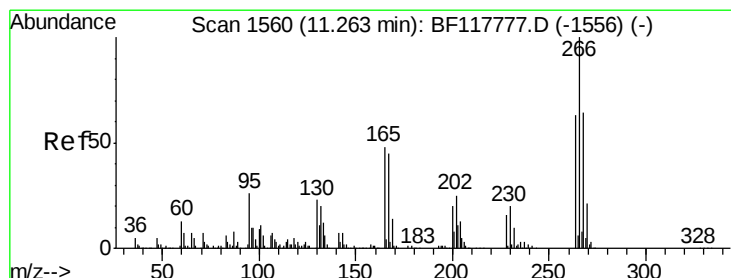
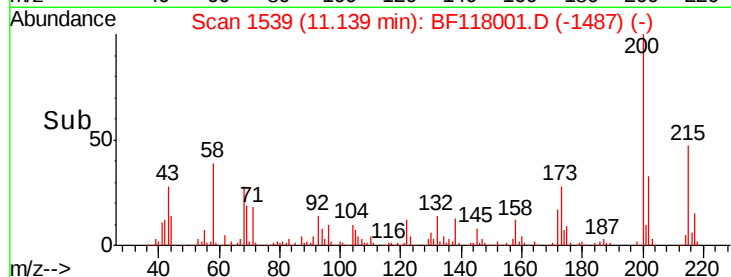
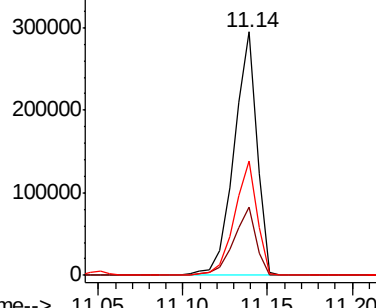


Abundance

Ion 200.00 (199.70 to 200.70): E

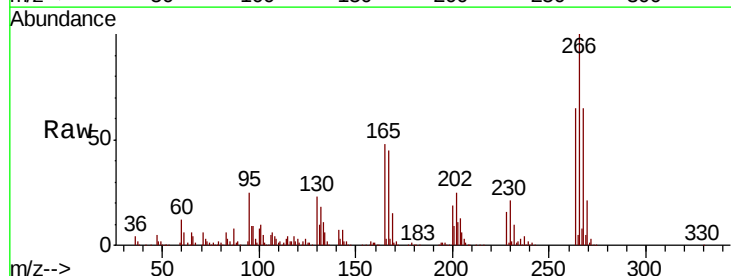
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 75.932 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	50.8	76.2
264	64.7	50.7	76.1

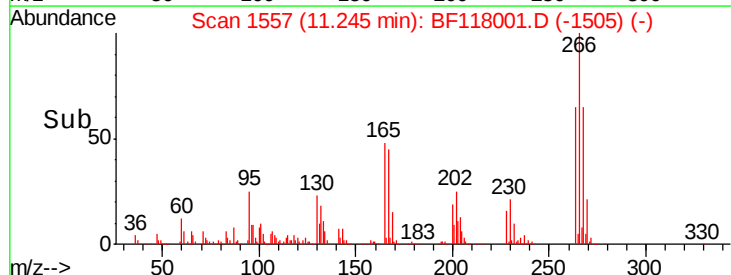
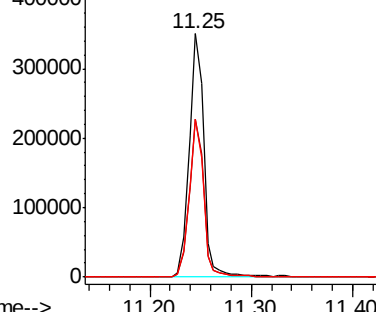


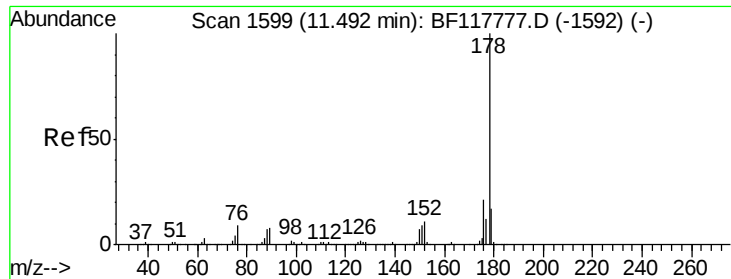
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

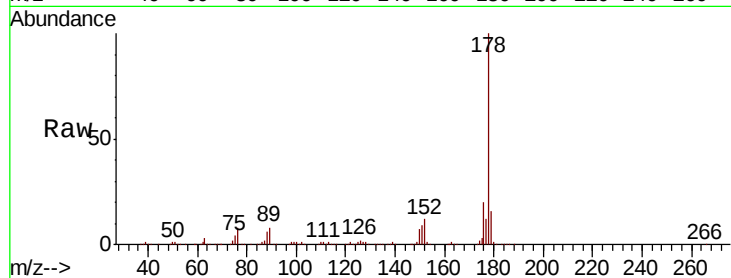




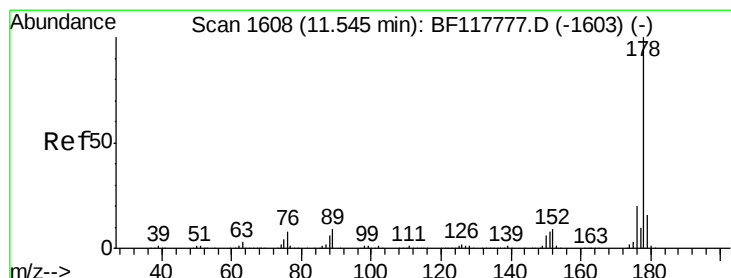
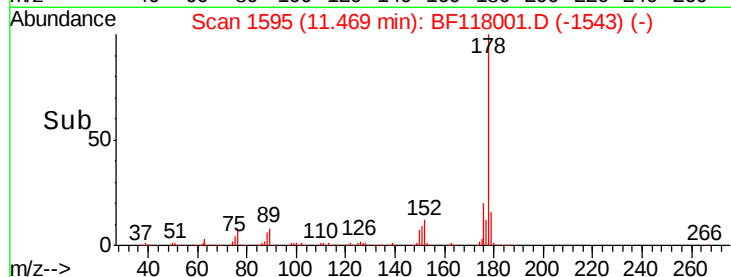
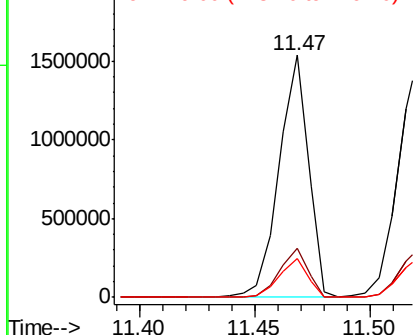
#71
Phenanthrene
Concen: 42.125 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1350107
Ion Ratio Lower Upper
178 100
176 20.2 16.6 25.0
179 16.0 13.2 19.8

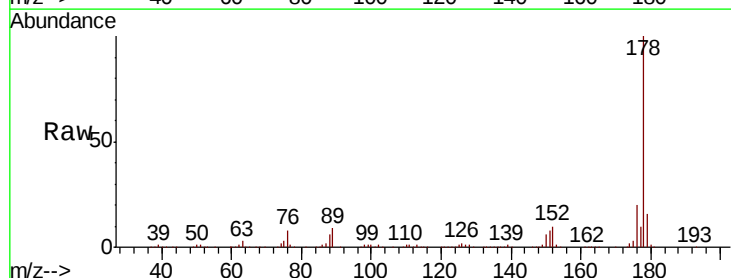


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

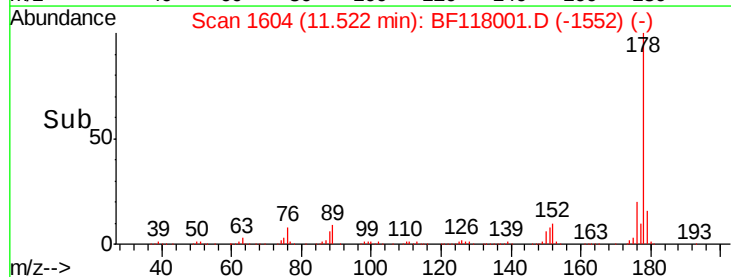
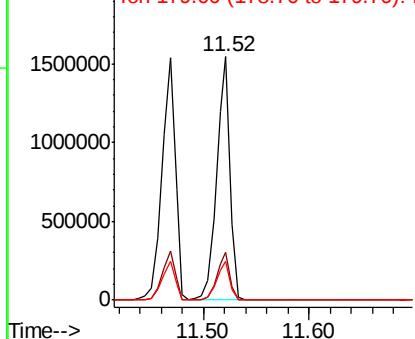


#72
Anthracene
Concen: 43.680 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:178 Resp: 1388003
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

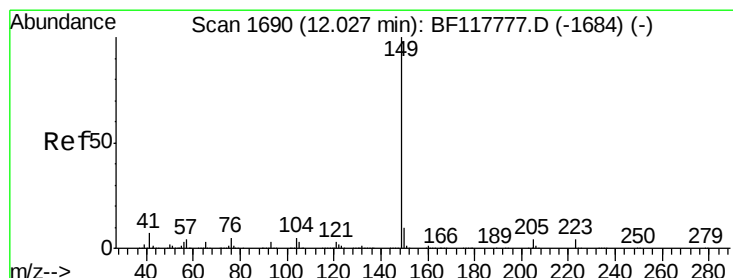
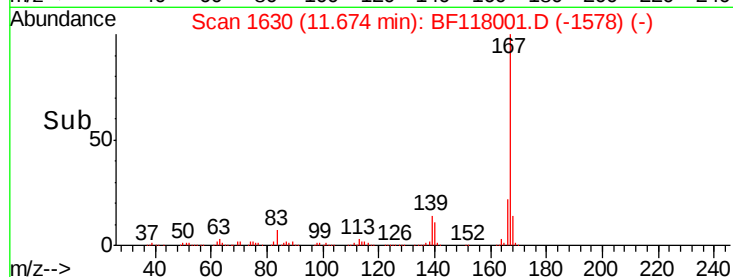
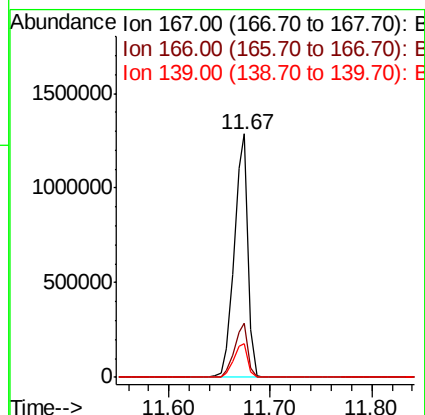
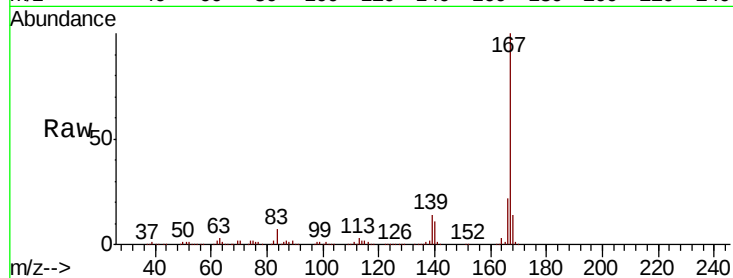




#73
 Carbazole
 Concen: 43.224 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

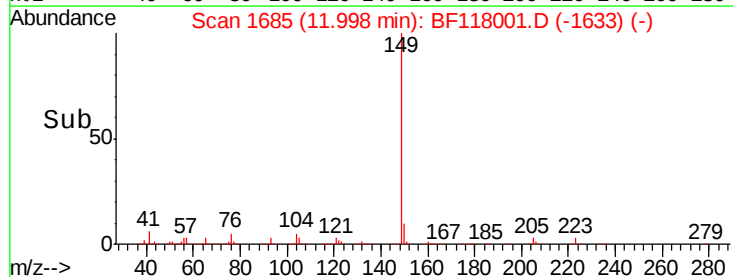
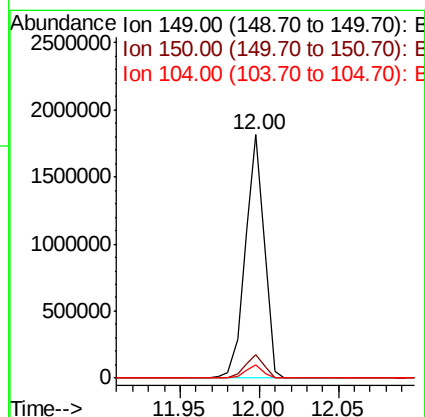
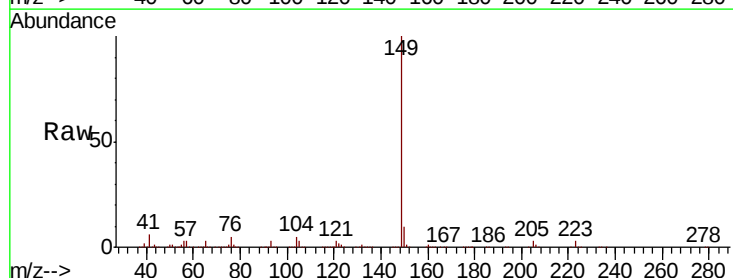
Instrument :
 BNA_F
 ClientSampleId :

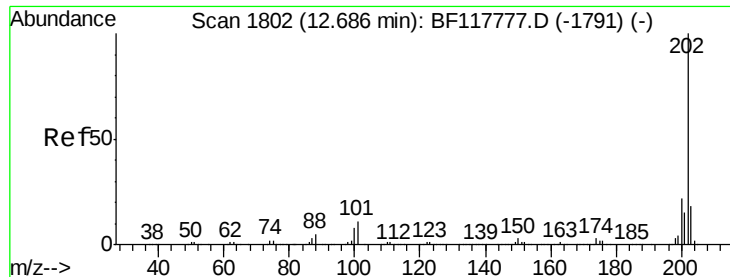
Tot Ion:167 Resp: 1200272
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 14.1 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 42.833 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Tgt Ion:149 Resp: 1480888
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.9 11.9
 104 5.2 4.2 6.4

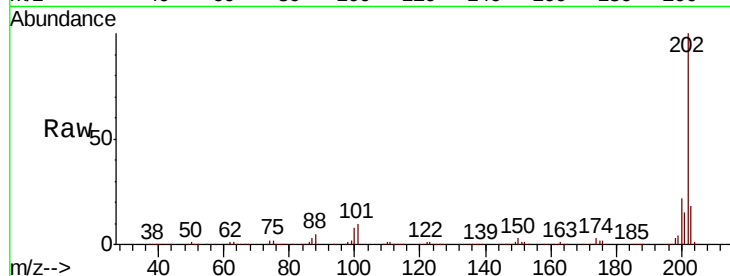




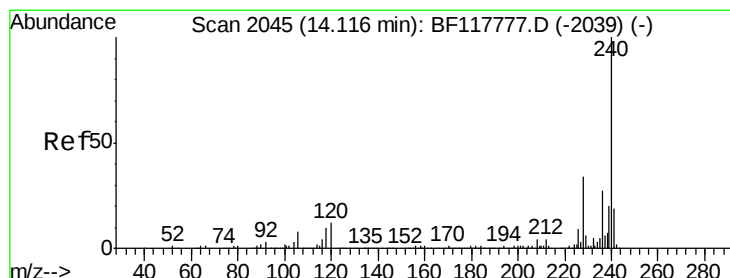
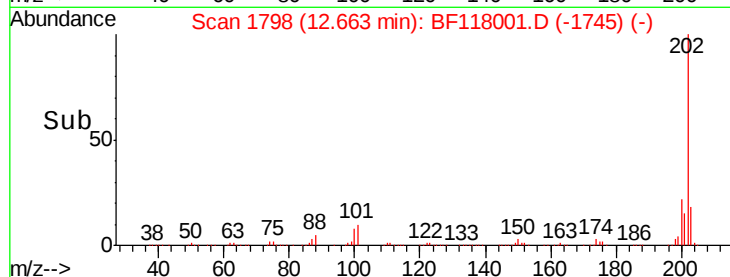
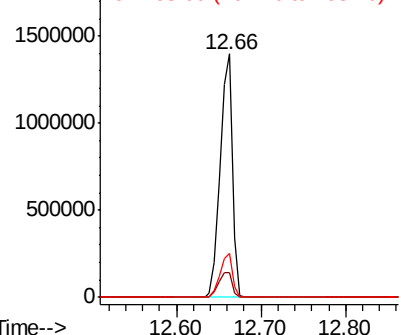
#75
 Fluoranthene
 Concen: 47.218 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1367268
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 31.1
 203 17.8 0.0 38.2

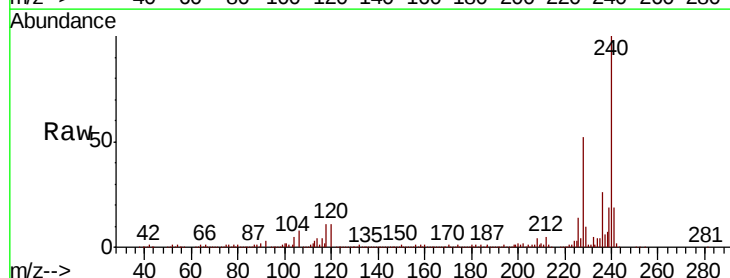


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

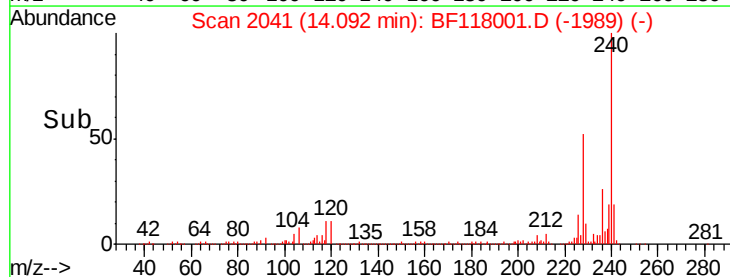
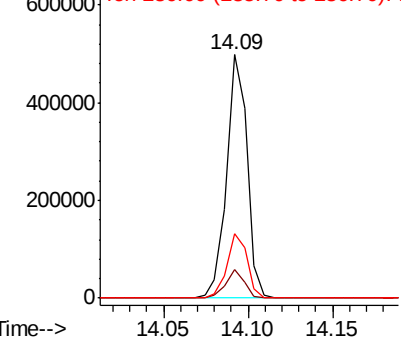


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Tgt Ion:240 Resp: 419238
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 26.3 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

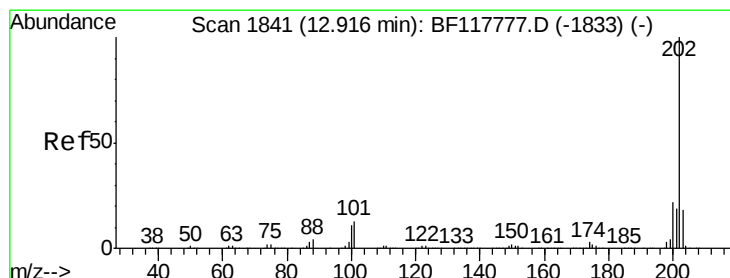
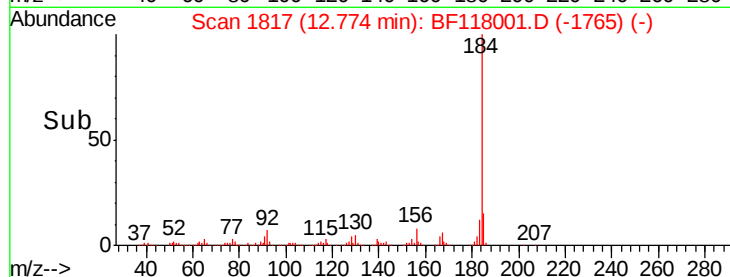
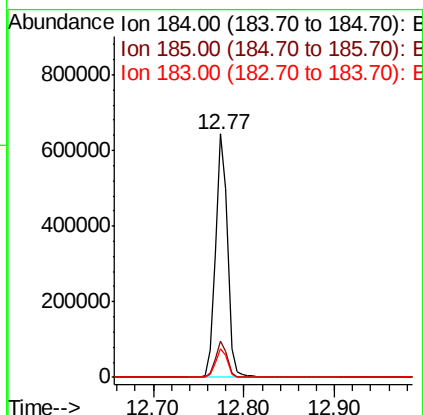
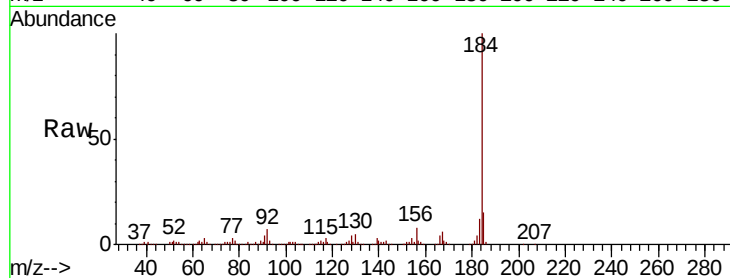




#77
Benzidine
Concen: 42.842 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

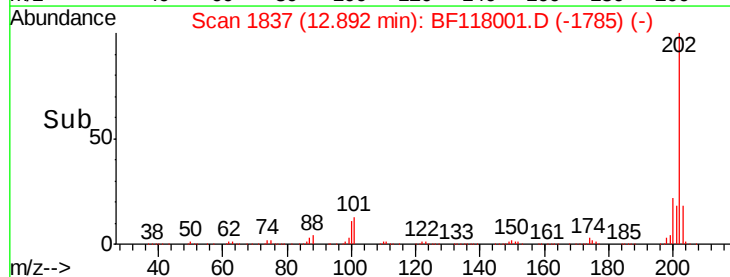
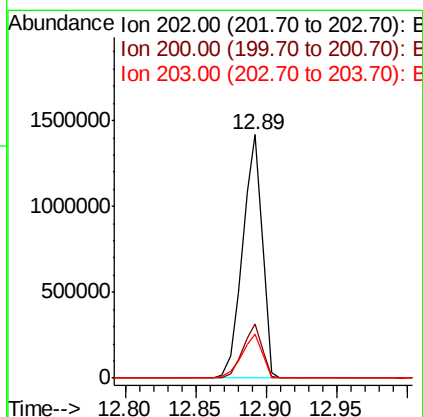
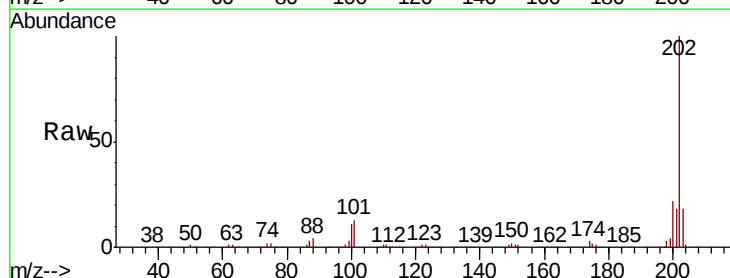
Instrument :
BNA_F
ClientSampleId :

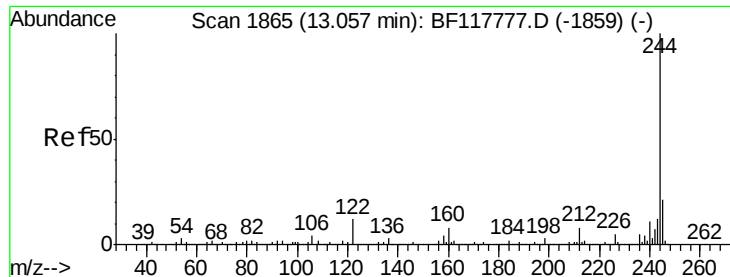
Tot Ion:184 Resp: 588334
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 11.8 9.5 14.3



#78
Pyrene
Concen: 40.422 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:202 Resp: 1369520
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.8
203 17.8 14.6 22.0

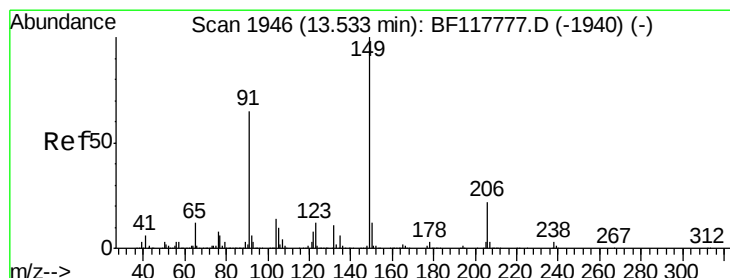
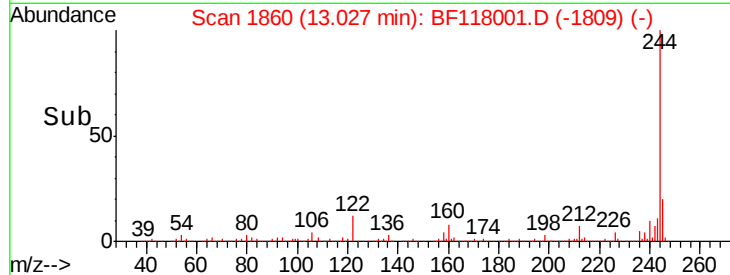
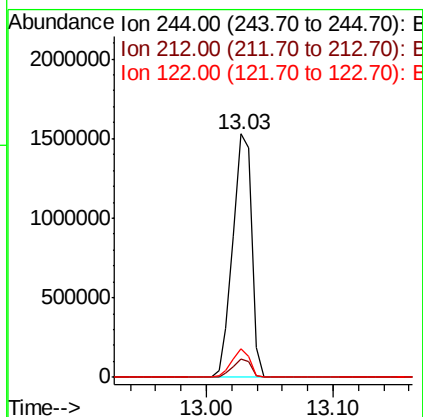
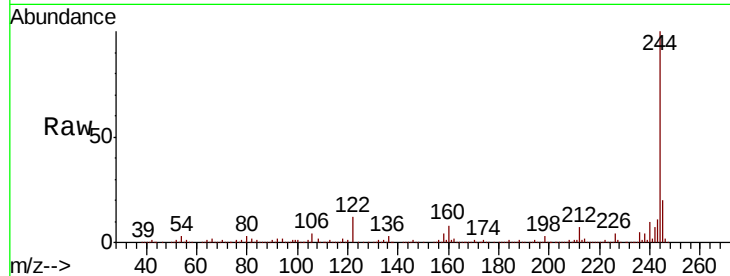




#79
 Terphenyl-d14
 Concen: 68.141 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

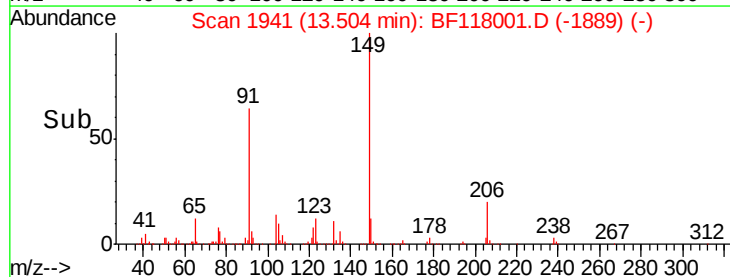
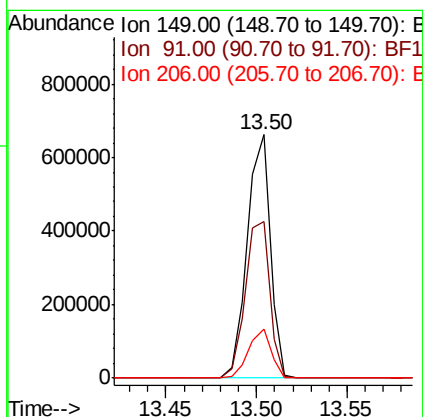
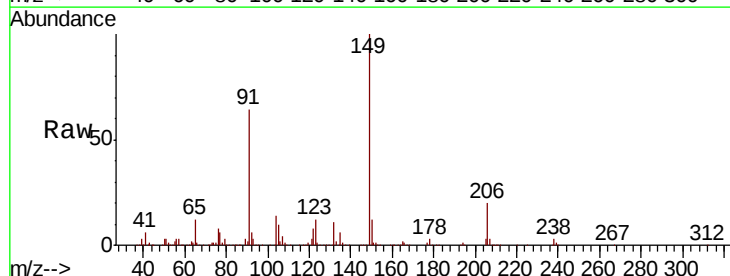
Instrument :
 BNA_F
 ClientSampleId :

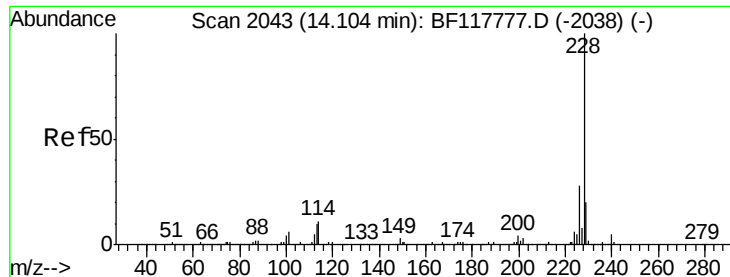
Tot Ion:244 Resp: 1563092
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 11.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 40.489 ng
 RT: 13.50 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Tgt Ion:149 Resp: 589187
 Ion Ratio Lower Upper
 149 100
 91 64.5 51.9 77.9
 206 20.1 17.2 25.8





#81

Benzo(a)anthracene

Concen: 40.778 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

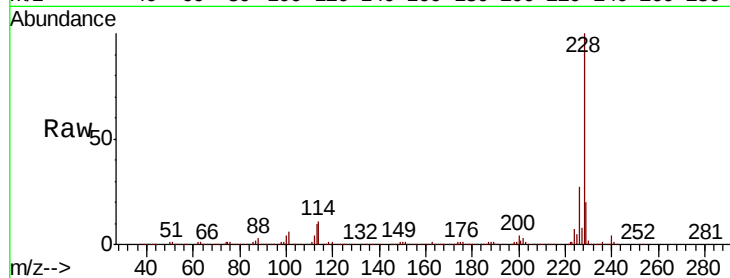
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1129709

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	19.6	15.9	23.9

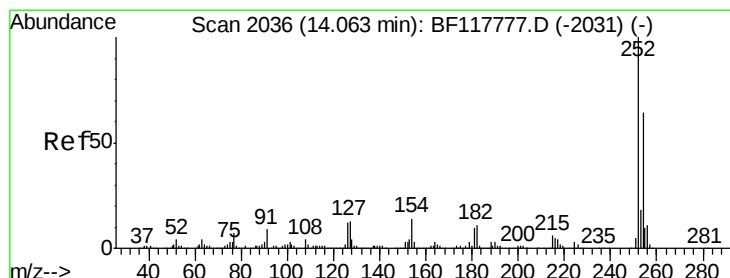
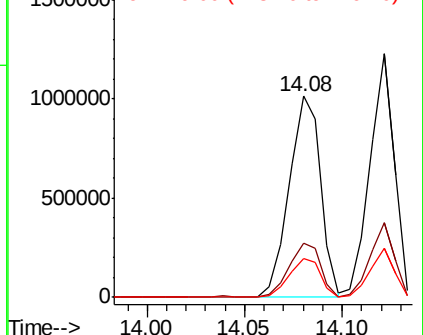
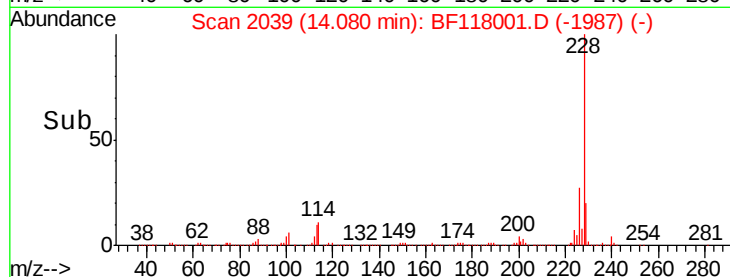


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.577 ng

RT: 14.04 min Scan# 2032

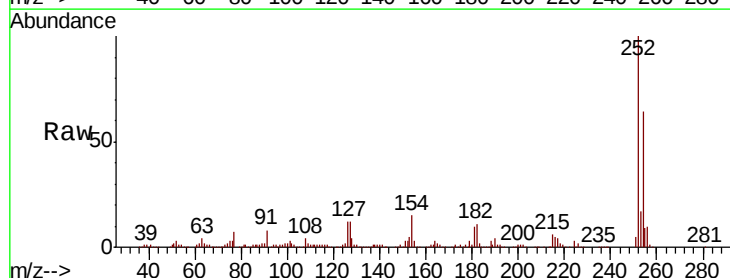
Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Tgt Ion:252 Resp: 315691

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.0	76.6
126	11.8	9.7	14.5

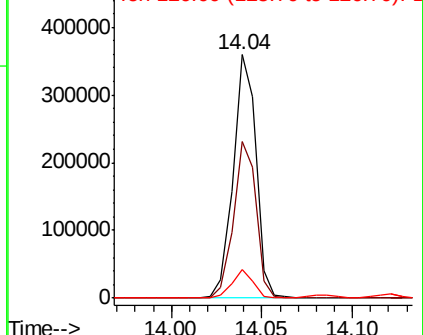
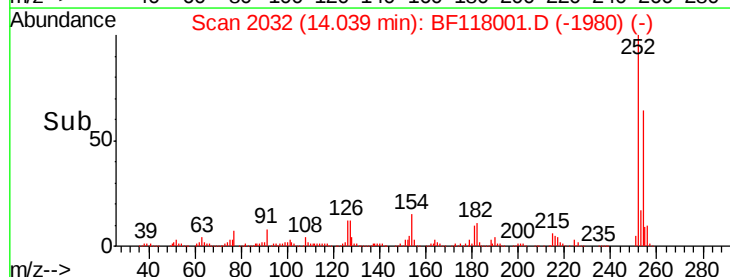


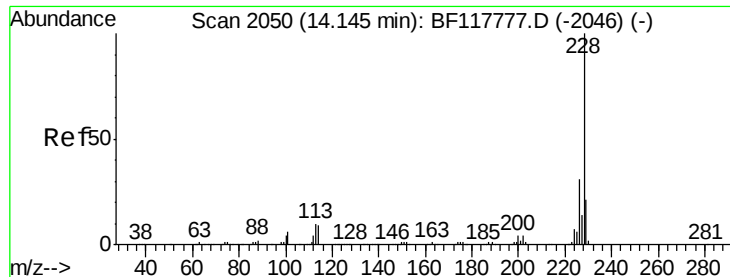
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



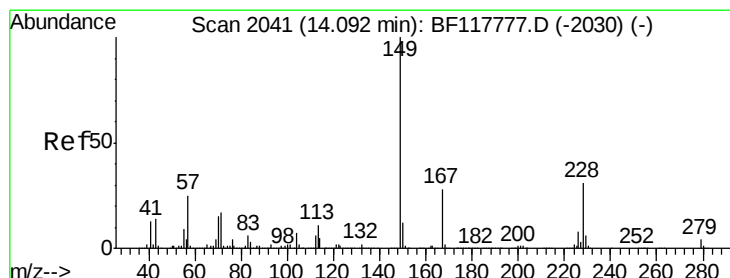
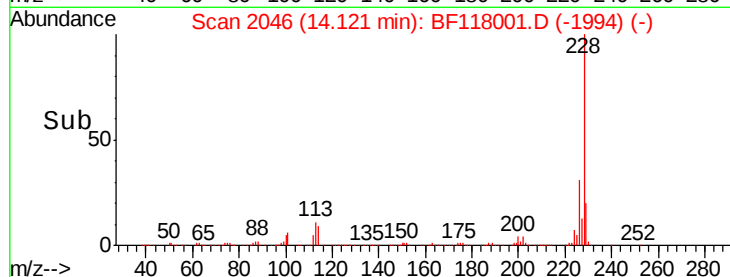
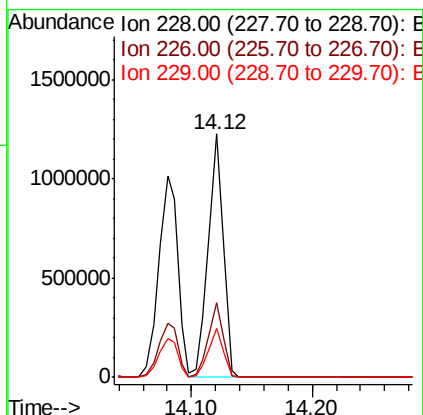
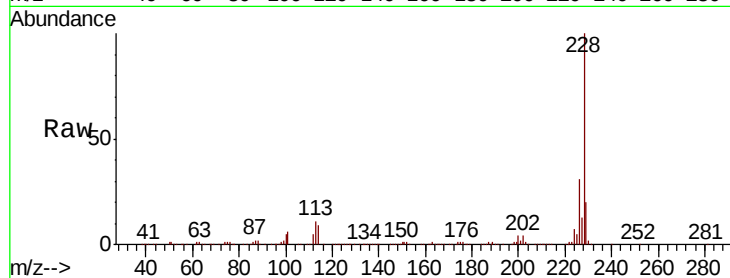


#83
 Chrvsene
 Concen: 39.839 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1069486

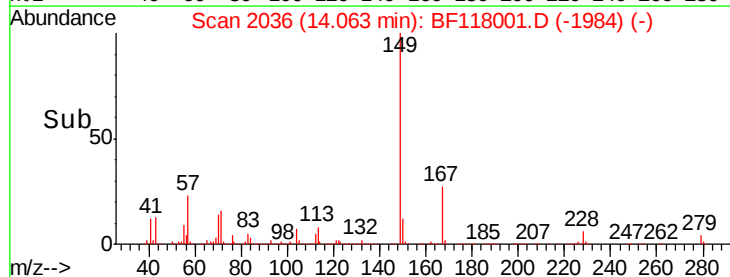
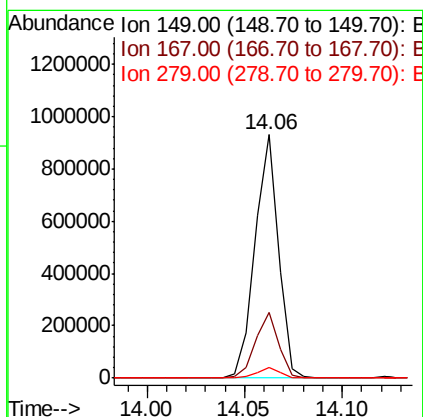
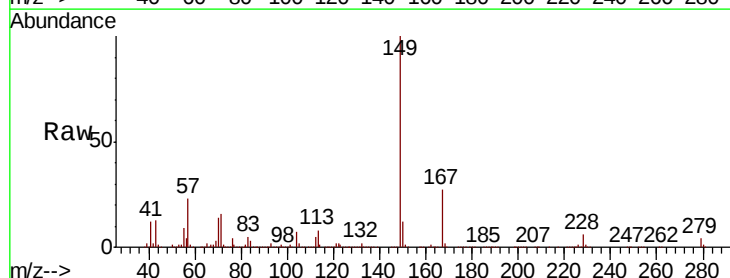
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	20.1	16.6	25.0

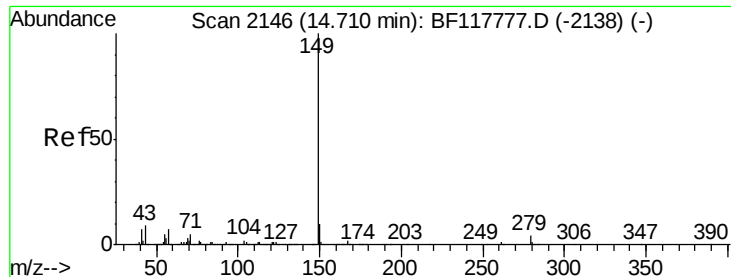


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.961 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 11:48

Tgt Ion:149 Resp: 775561

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	4.4	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 46.180 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

Instrument :

BNA_F

ClientSampleId :

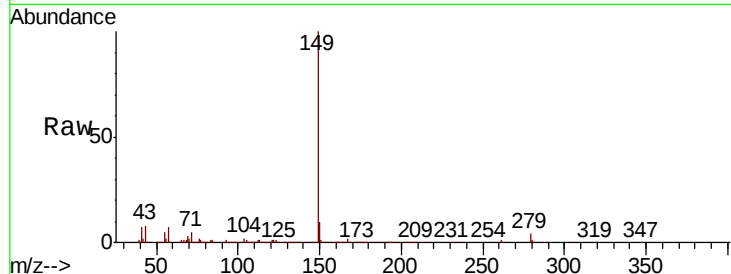
Tot Ion:149 Resp: 1196871

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

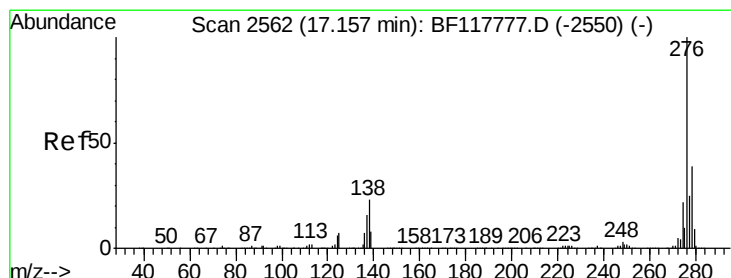
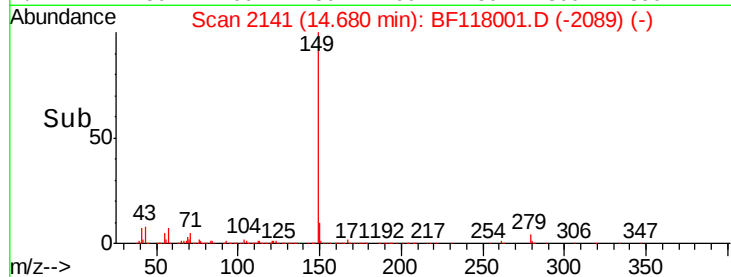
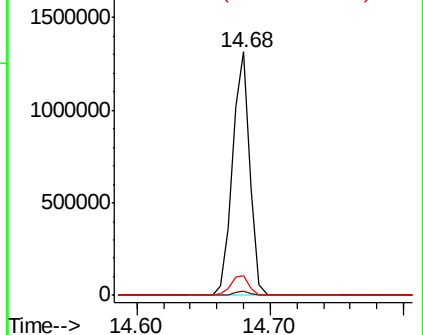
43 8.2 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.922 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.03 min

Lab File: BF118001.D

Acq: 26 Nov 2019 11:48

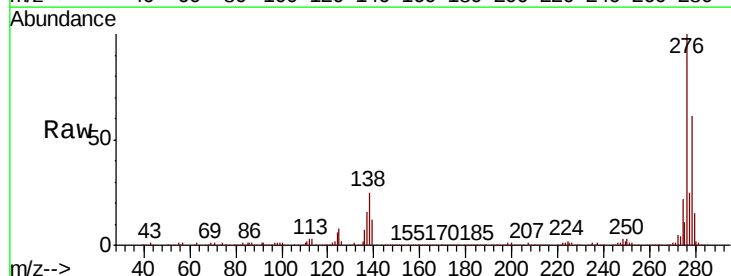
Tgt Ion:276 Resp: 1209145

Ion Ratio Lower Upper

276 100

138 25.2 20.9 31.3

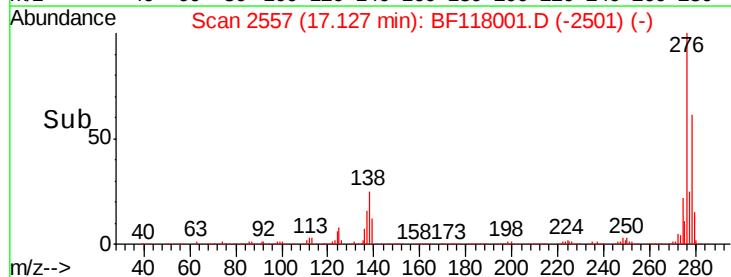
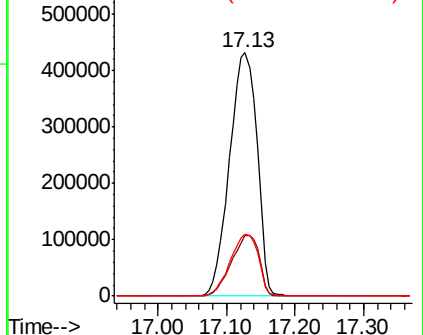
277 25.8 20.3 30.5

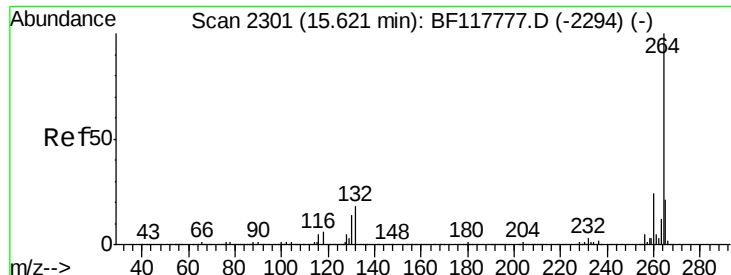


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



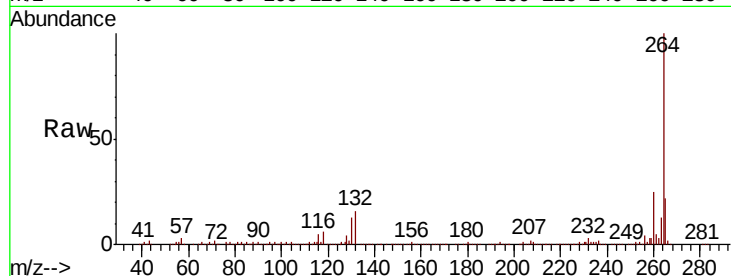


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

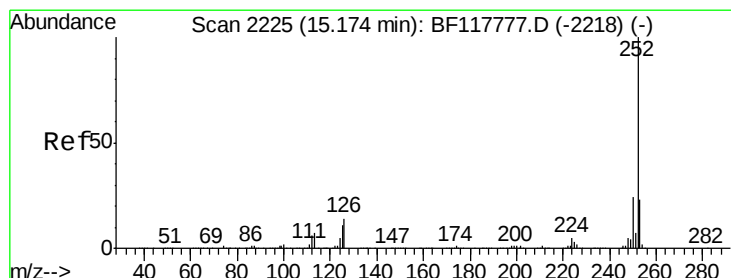
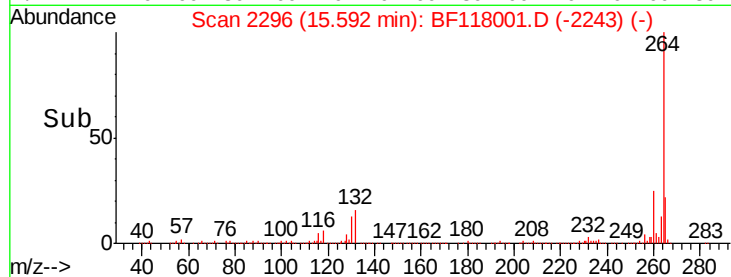
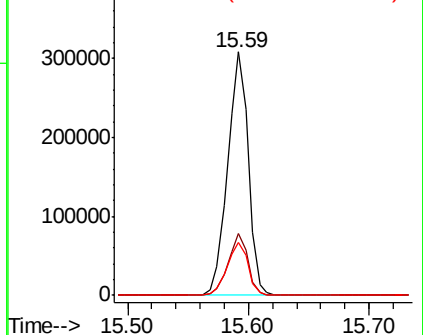
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 365713

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.0
265	21.7	17.1	25.7



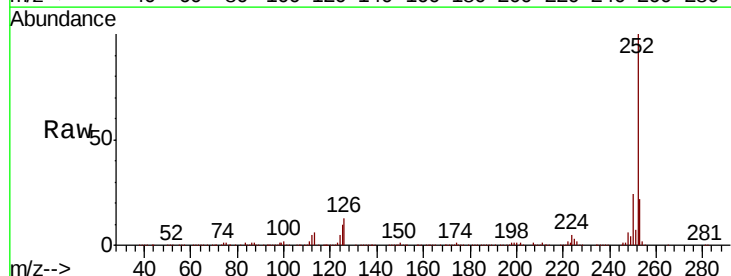
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



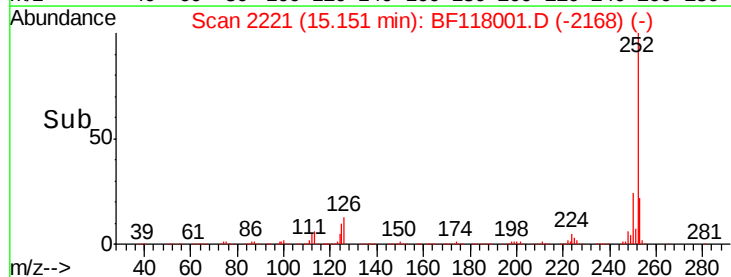
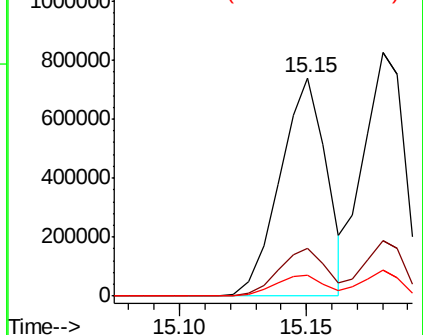
#88
Benzo(b)fluoranthene
Concen: 39.782 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

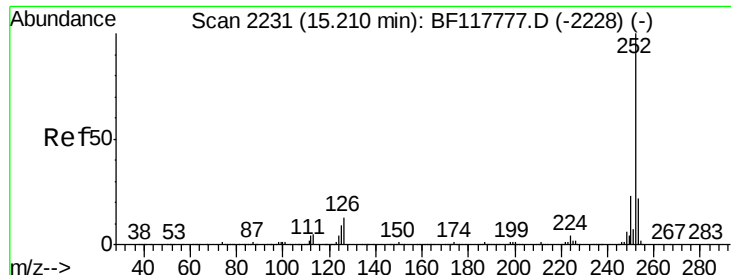
Tgt Ion:252 Resp: 945245

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.7	8.6	13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

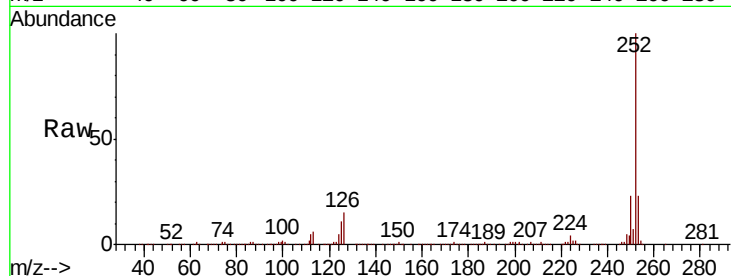




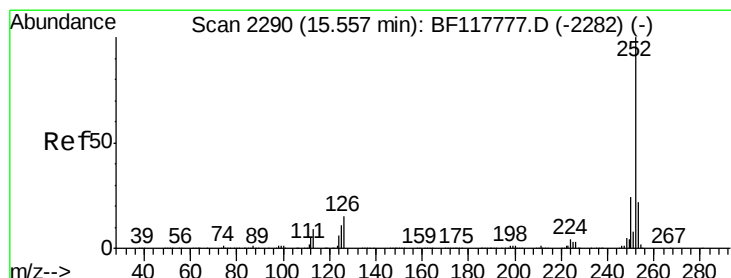
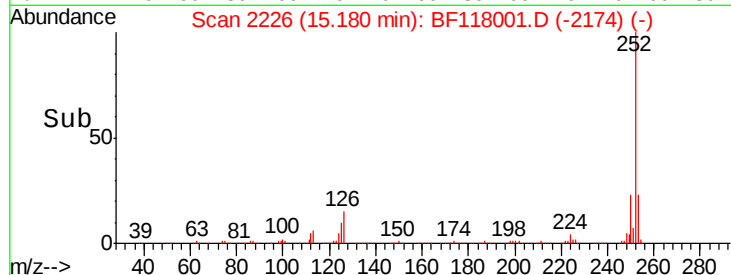
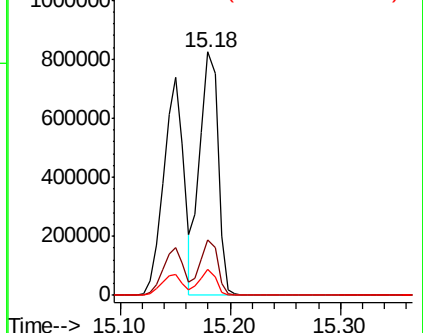
#89
Benzo(k)fluoranthene
Concen: 41.546 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 930117
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.5 7.9 11.9

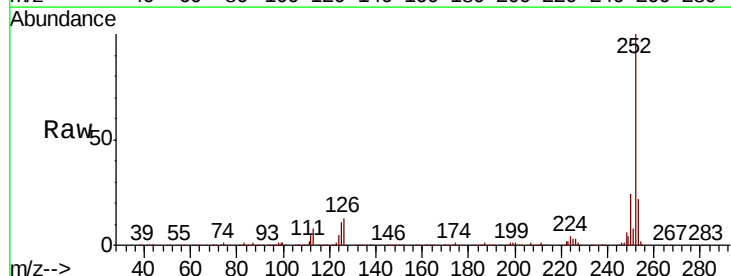


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

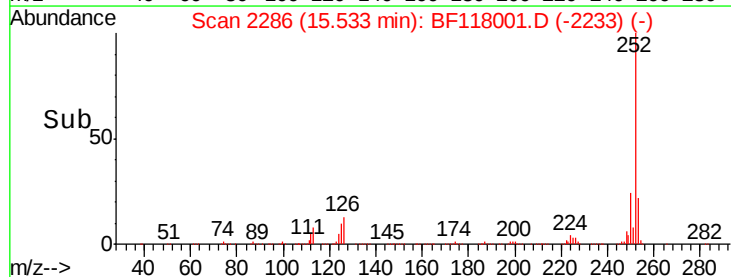
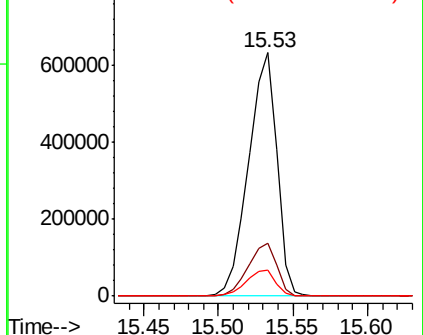


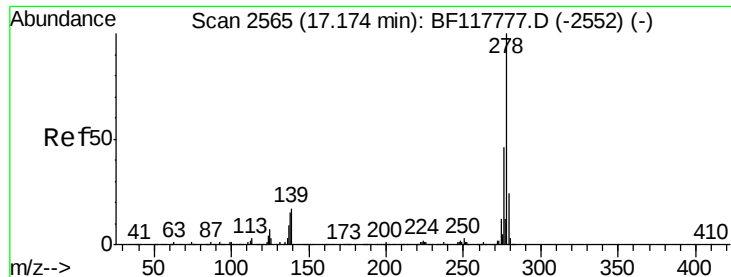
#90
Benzo(a)pyrene
Concen: 39.624 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:252 Resp: 827880
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.6 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

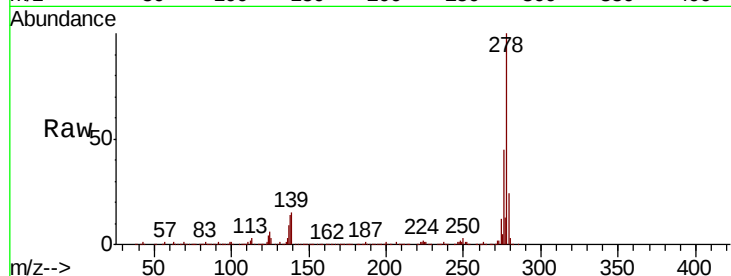




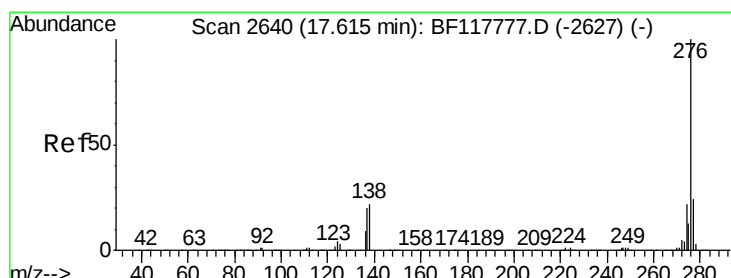
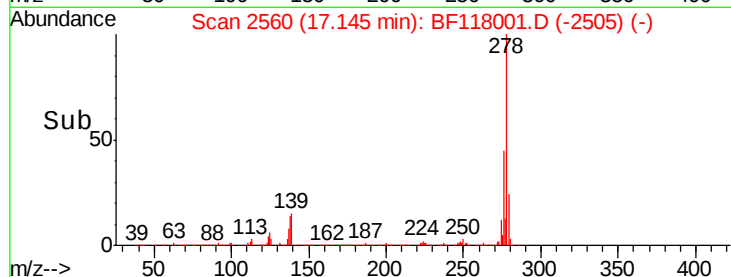
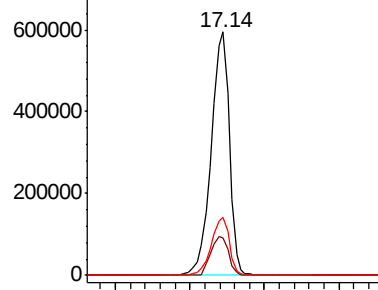
#91
Dibenzo(a,h)anthracene
Concen: 56.031 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.02 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1007630
Ion Ratio Lower Upper
278 100
139 15.2 13.8 20.8
279 23.9 19.6 29.4

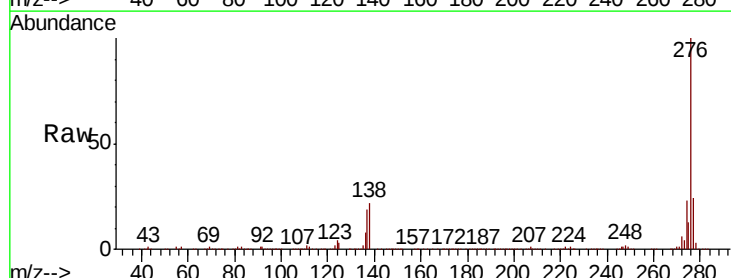


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.821 ng
RT: 17.59 min Scan# 2636
Delta R.T. 0.04 min
Lab File: BF118001.D
Acq: 26 Nov 2019 11:48

Tgt Ion:276 Resp: 1035701
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 21.9 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

